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Arizona Traffic Accident Summary

1982

Arizona Department of Transportation

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The 1982 ARIZONA TRAFFIC ACCIDENT SUMMARY is based on all traffic accident reports submitted to the Arizona Department of Transportation.

The SUMMARY is prepared annually by the Traffic Engineering Section of ADOT, with cooperation and assistance from Public Information Office, Forms Management, and Governor's Office of Highway Safety.

Specific questions regarding data presented in the report should be addressed to Safety Projects Services at 255-7724.

A Message from
William A. Ordway, Director
Arizona Department of Transportation

While even a single accident is one too many, Arizona's traffic record in 1982 showed some improvement -- the death toll dropped by 21 percent, reported accidents were down 6 percent and the number injured declined by 5 percent. It was the third straight year to show a decrease in the number of people killed on the State's roads and streets.

This was accomplished in spite of the fact that more people traveled Statewide during the year, up 3.2 percent over the prior year.

If we measure by human misery rather than the prior year's figures, however, we have little to crow about. We injured someone every 11.5 minutes and killed someone else every 12.6 hours during the year -- and that's a lot of heartbreak. Economically, traffic accidents cost Arizonans over a half a billion dollars.

A couple of traditional trouble spots showed improvement. The number of alcohol-related accidents dropped to 9,839 from 12,029 -- the lowest total since 1976. However, the proportion of alcohol related accidents to all accidents remained about the same. Motorcycle accidents also were fewer, declining to 3,807 from 4,188 - a 9 percent reduction. The number killed in motorcycle accidents decreased by 25 percent while the number of motorcyclists injured increased by 13 percent.

Some of the factors which contributed to the improvement safety record are the drunk driving law passed in 1981, economic conditions, higher visibility of the Highway Patrol, improved traffic control measures, safer vehicles, better emergency medical service and the 55 mph speed limit law. However, no one factor was an overriding influence in improved safety.

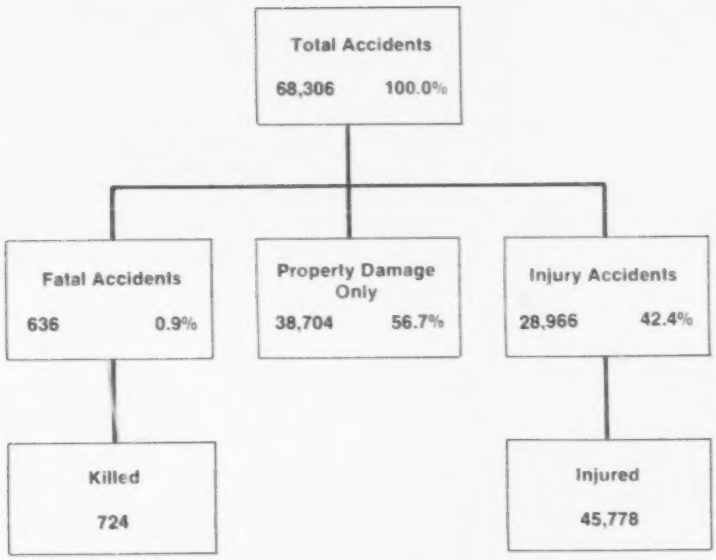
Still we cannot rest. For example, alcohol-related accidents killed 246 persons in 1982 or 34 percent of all fatalities -- a figure close to 1981. The Legislature continued to strengthen the state's drunk driving law in 1982, amending a law passed in 1981 and cracking down harder on repeat offenders.

The summary of statistics contained in this annual booklet is helpful in analyzing where the professionals can best target their safety efforts in the days ahead -- but also it carries a powerful message to **everyone** who gets behind the wheel. Safety, after all, **is** everyone's business.

Bill Ordway

William A. Ordway, Director
Arizona Department of Transportation

Highlights and Historical Trends



Arizona Accident Facts — 1982

	1981	1982	Percent Change
Reported Accidents	72,611	68,306	-5.9
Total Killed	917	724	-21.1
Total Injured	48,322	45,778	-5.3
Pedestrians Killed	183	138	-24.6
Pedestrians Injured	1,225	1,138	-7.1
Motorcyclists Killed	118	88	-25.4
Motorcyclists Injured	3,596	4,067	+13.1
Bicyclists Killed	15	28	+86.7
Bicyclists Injured	1,370	1,291	-5.8
Millions of Vehicle Miles Traveled	22,920	23,663	+3.2
Deaths Per 100 Million Vehicle Miles Traveled	4.00	3.06	-23.5
Injuries Per 100 Million Vehicle Miles Traveled	210.8	193.5	-8.2

In 1982 —

1.9 persons were killed every day (one every 12.6 hours)
125.4 persons were injured every day (one every 11.5 minutes)

One licensed driver out of every 17.5 was involved in an accident
One vehicle out of every 17.6 was involved in an accident

62% of drivers in all accidents were male
75% of drivers in fatal accidents were male

14% of all accidents involved alcohol
33% of fatal accidents involved alcohol

65% of all accidents happened during daylight hours
54% of fatal accidents happened during darkness

41% of fatal accidents happened on non-holiday weekends from 6 p.m. Friday to midnight Sunday
Most dangerous day: Friday with 18.7% of all accidents

78% of all accidents happened in urban areas of the state
39% of fatal accidents happened in urban areas of the state

There were 58 days when no fatal accidents occured

Arizona Economic Loss by County for 1982*

COUNTIES	Persons Killed		Persons Injured		Property Damage Accidents		Economic Loss $ Total
	No.	$ Loss	No.	$ Loss	No.	$ Loss	
Apache	39	7,410,000	464	3,340,800	520	530,400	11,281,200
Cochise	25	4,750,000	589	4,960,800	816	832,320	10,543,120
Coconino	36	6,840,000	1417	10,202,400	2,157	2,200,140	19,242,540
Gila	24	4,560,000	519	3,736,800	471	480,420	8,777,220
Graham	7	1,330,000	173	1,245,600	106	108,120	2,683,720
Greenlee	1	190,000	80	576,000	88	89,760	855,760
Maricopa	312	59,280,000	28,601	205,927,200	21,164	21,587,280	286,794,480
Mohave	38	7,220,000	977	7,034,400	585	596,700	14,851,100
Navajo	24	4,560,000	523	3,765,600	618	630,360	8,955,960
Pima	102	19,380,000	8,646	62,251,200	9,010	9,190,200	90,821,400
Pinal	35	6,650,000	1,006	7,243,200	779	794,580	14,687,780
Santa Cruz	5	950,000	233	1,677,600	170	173,400	2,801,000
Yavapai	41	7,790,000	1,035	7,452,000	882	899,640	16,141,640
Yuma	35	6,650,000	1,415	10,188,000	1,338	1,364,760	18,202,760
Totals	**724**	**$137,560,000**	**45,778**	**$329,601,600**	**38,704**	**$39,478,080**	**$506,639,680**

*Economic Loss From Traffic Accidents in Arizona — (Based on estimates developed by the National Safety Council:)

1. Fatality $190,000
2. Injury $7,200
3. Property Damage (Only) Accident $1,020

- *Annual economic loss to every man, woman and child in Arizona was $176.*

Deaths and Injuries by Age and Sex

AGE	PERSONS KILLED			PERSONS INJURED			
	Total	Male	Female	Total	Male	Female	Sex Not Stated
0-4	17	7	10	1,399	713	686	0
5-9	8	4	4	1,381	717	664	0
10-14	20	12	8	1,832	951	881	0
15-19	91	63	28	7,571	4,271	3,299	1
20-24	126	99	27	8,605	5,001	3,600	4
25-34	146	111	35	10,171	5,840	4,329	2
35-44	86	60	25	5,183	2,708	2,470	5
45-54	57	40	17	3,338	1,635	1,702	1
55-64	58	37	21	2,884	1,360	1,524	0
65-74	48	31	17	1,971	867	1,104	0
75 & Over	45	26	19	1,042	493	548	1
Age Not Stated	22	19	3	401	244	133	24
Totals	**724**	**509**	**214**	**45,778**	**24,800**	**20,940**	**38**

Arizona Highway Accident Statistics By Year

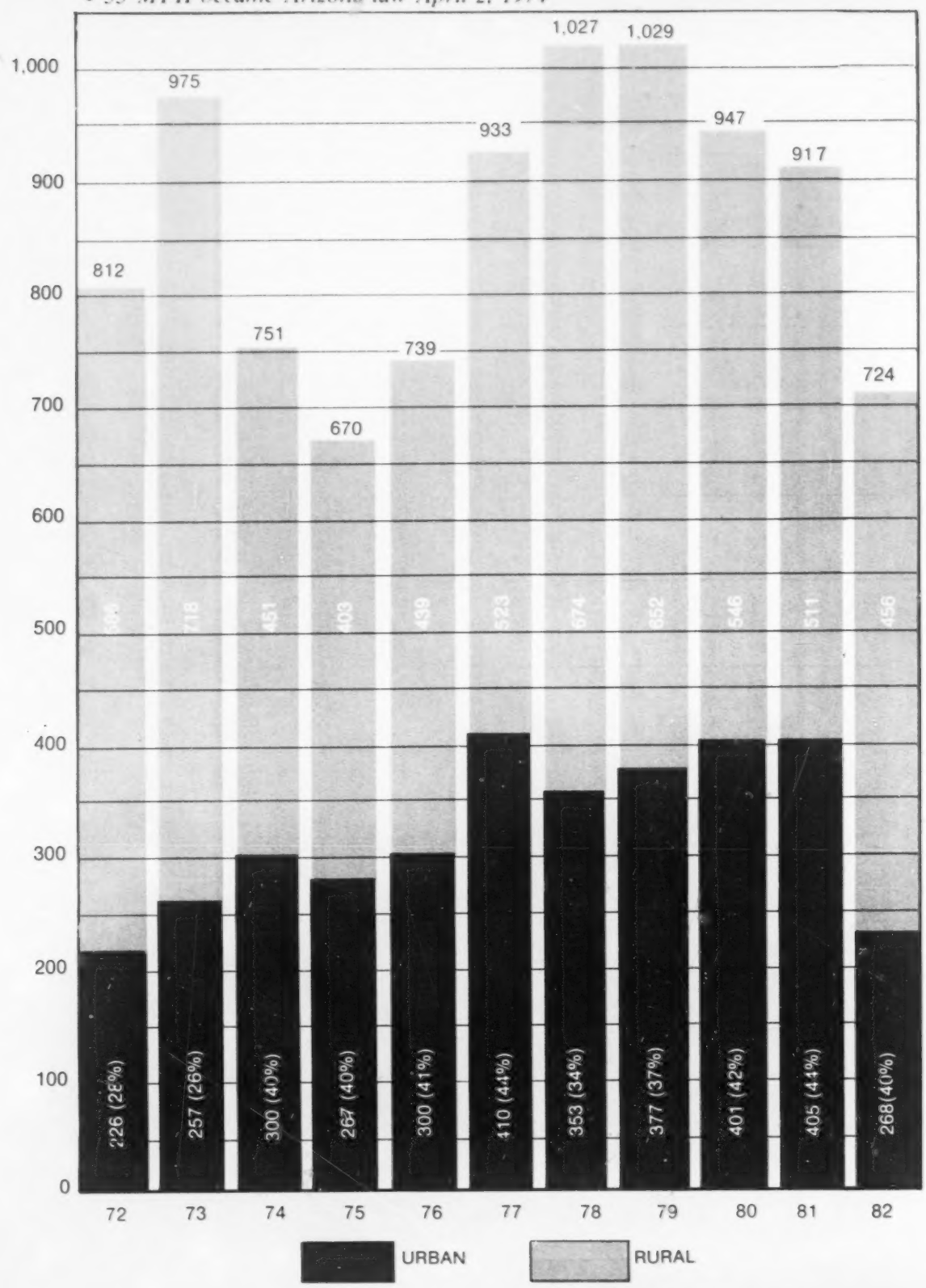
1925 - 1982

Calendar Year	Motor Vehicle Registration	Motor Vehicle Mileage	Traffic Deaths	Traffic Injuries	Estimated Arizona Fatality Rate/Per 100,000,000 Vehicle Miles	Estimated U.S. Fatality Rate/Per 100,000,000 Vehicle Miles
1925	68,029	370,916,000	76	NA	20.49	18.20
1926	73,682	423,904,000	120	NA	28.31	18.20
1927	81,047	523,913,000	147	NA	28.06	15.60
1928	94,372	655,954,000	130	NA	19.82	15.60
1929	121,684	831,948,000	157	NA	18.87	15.60
1930	110,915	867,750,000	190	NA	21.90	15.60
1931	105,398	846,794,000	159	NA	18.78	15.60
1932	95,256	773,587,000	166	1,048	21.46	15.60
1933	91,418	726,390,000	154	1,017	21.23	15.60
1934	98,730	836,288,000	205	1,479	24.54	16.75
1935	105,610	930,758,000	217	1,905	23.31	15.91
1936	117,467	1,092,722,000	244	2,506	22.31	15.11
1937	131,867	1,185,083,000	258	2,966	21.77	14.68
1938	131,774	1,157,144,000	200	2,583	17.28	12.02
1939	134,303	1,216,650,000	215	2,718	17.67	11.35
1940	141,788	1,308,550,000	228	2,800	17.42	11.42
1941	147,835	1,518,067,000	272	3,622	17.92	11.99
1942	144,088	1,516,774,000	230	2,125	15.15	10.60
1943	139,361	1,193,715,000	168	1,720	14.07	11.52
1944	140,213	1,264,237,000	180	1,822	14.24	11.48
1945	146,436	1,573,475,000	283	2,540	17.98	11.28
1946	163,623	2,275,352,000	236	2,824	10.36	9.81
1947	191,612	2,389,247,000	256	2,824	10.75	8.82
1948	217,916	2,560,503,000	301	2,925	11.70	8.11
1949	242,074	2,852,937,000	281	3,195	10.51	7.47
1950	271,803	2,944,000,000	325	4,135	10.73	7.59
1951	294,319	3,356,160,000	415	3,638	12.30	7.53
1952	330,625	3,846,677,000	396	5,922	10.30	7.36
1953	359,984	4,034,830,000	397	6,402	9.84	6.97
1954	380,192	4,094,098,000	402	6,035	9.82	6.34
1955	415,655	4,414,561,000	358	6,824	8.11	6.37
1956	452,144	5,043,005,000	483	7,572	9.64	6.31
1957	491,625	5,241,423,000	464	8,231	8.80	5.98
1958	526,460	5,615,127,000	509	9,776	9.01	5.56
1959	584,374	6,300,000,000	517	10,820	8.20	5.41
1960	630,016	6,535,862,000	513	13,360	7.85	5.31
1961	671,186	6,813,000,000	510	15,254	7.48	5.16
1962	709,707	7,286,795,605	510	16,958	6.99	5.32
1963	747,189	7,680,366,968	513	18,169	6.67	5.41
1964	789,113	8,089,299,842	588	20,229	7.26	5.63
1965	857,934	8,339,000,000	550	21,279	6.59	5.54
1966	903,945	8,861,000,000	643	23,231	7.25	5.67
1967	938,952	9,215,000,000	574	24,581	6.22	5.50
1968	1,001,823	10,042,171,466	695	28,080	6.92	5.50
1969	1,046,766	11,505,246,321	750	30,749	6.51	5.30
1970	1,122,113	12,122,437,566	762	32,230	6.28	4.91
1971	1,221,838	13,235,451,395	755	34,174	5.70	4.70
1972	1,344,779	14,795,985,059	812	37,525	5.49	4.50
1973	1,470,700	16,219,000,000	975	39,566	6.01	4.20
1974	1,531,955	15,724,551,816	751	35,430	4.78	3.63
1975	1,514,846	16,031,406,497	670	36,646	4.18	3.46
1976	1,536,835	16,895,449,043	739	39,467	4.37	3.44
1977	1,615,727	18,121,403,496	933	44,484	5.15	3.35
1978	1,728,190	19,277,000,000	1027	51,607	5.33	3.41
1979	2,004,796	21,500,000,000	1029	51,743	4.79	3.46
1980	2,085,311	21,965,000,000	947	49,697	4.31	3.48
1981	2,183,354	22,920,000,000	917	48,974	4.00	3.27
1982	2,228,643	23,663,000,000	724	45,778	3.06	2.93

*Figures since 1968 show motor propelled units only

Persons Killed
1972-1982

• *55 MPH became Arizona law April 2, 1974*



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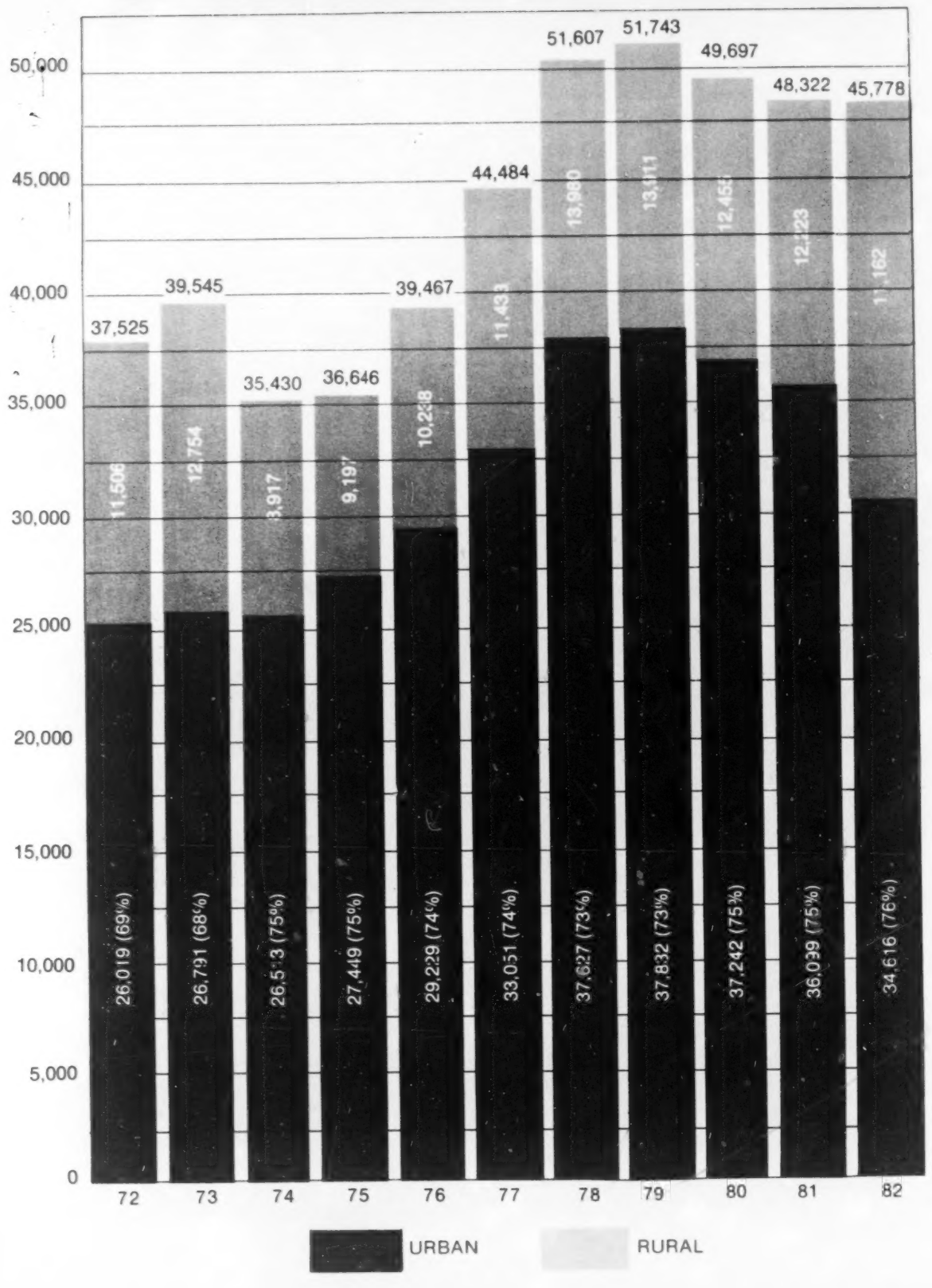
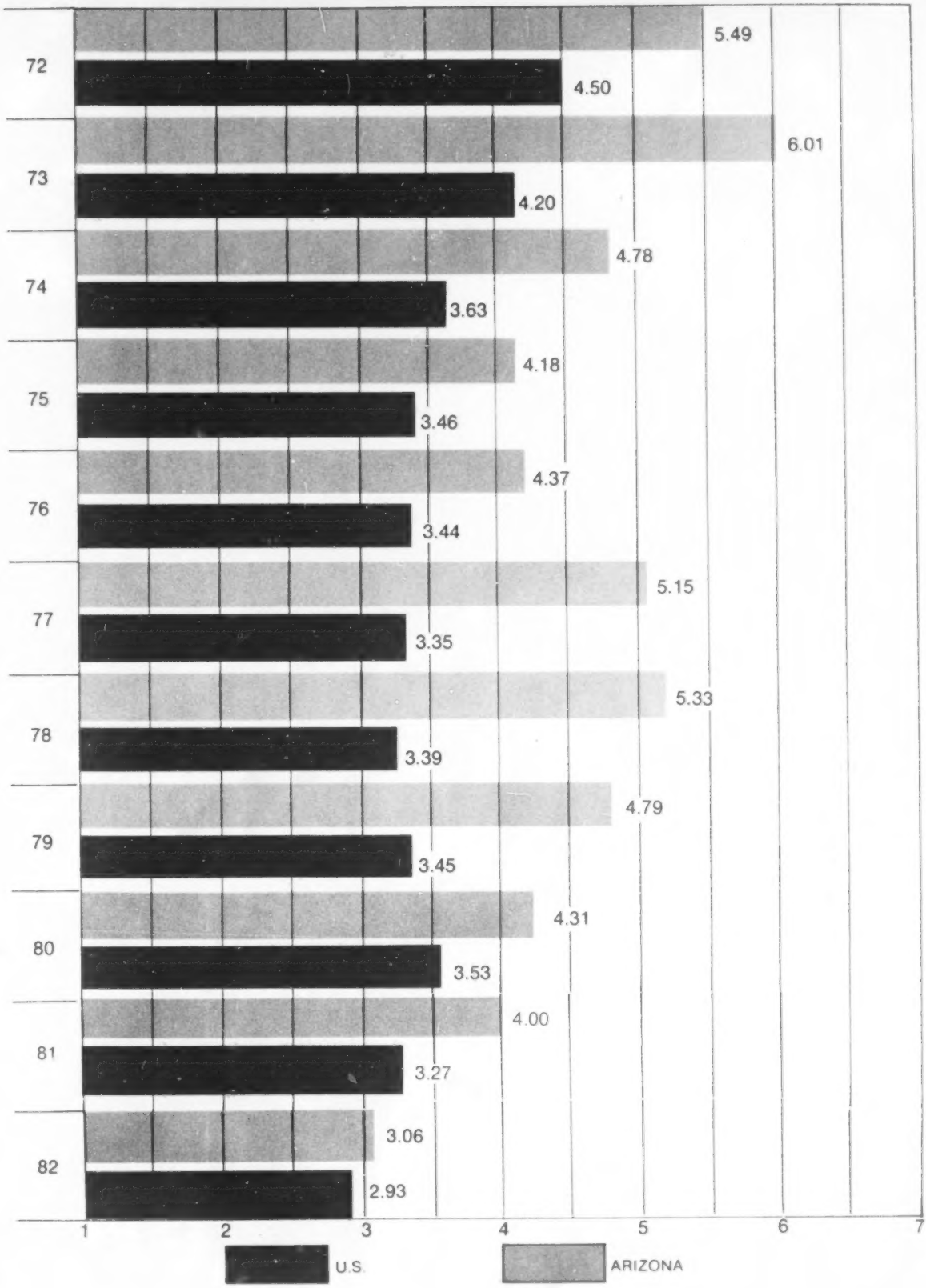
Persons Injured
1972-1982



Persons Injured
1972 - 1982



Holiday Traffic Fatalities

Of the six major holidays celebrated each year, three fall on specific days of the week — Memorial Day, Labor Day, and Thanksgiving. They are regarded as three or four-day holidays, as the weekend is also included.

The other three holidays are celebrated on specific dates, and depending on what day of the week the date falls, the holiday period will vary from one to four days. If one of the "floating" holidays falls on Wednesday, it is a one-day holiday, otherwise the holiday period also includes the preceding or following weekend.

The counting of holiday fatalities starts at 6 p.m. on the last working day before the holiday and continues until midnight of the last day of the holiday period. For instance, Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday.

HOLIDAY	1982 Dates		Number of Days	People Killed
	Begin 6 p.m.	End Midnight	1982	1982
New Years	Thursday Dec.31, 1981	Sunday Jan. 3, 1982	3	8
Memorial Day	Friday May 21, 1982	Monday May 24, 1982	3	11
July 4th	Friday July 2, 1982	Monday July 5, 1982	3	14
Labor Day	Friday Sept. 3, 1982	Monday Sept. 6, 1982	3	9
Thanksgiving	Wednesday Nov. 24, 1982	Sunday Nov 28, 1982	4	8
Christmas	Thursday Dec 23, 1982	Sunday Dec. 26, 1982	3	10

- *These six holiday weekends accounted for 8.3% of all 1982 traffic deaths.*
- *The deadliest non-holiday weekends of the year were August 27-29 and September 17-19. Twelve individuals lost their lives in traffic accidents each weekend.*

Holiday Traffic

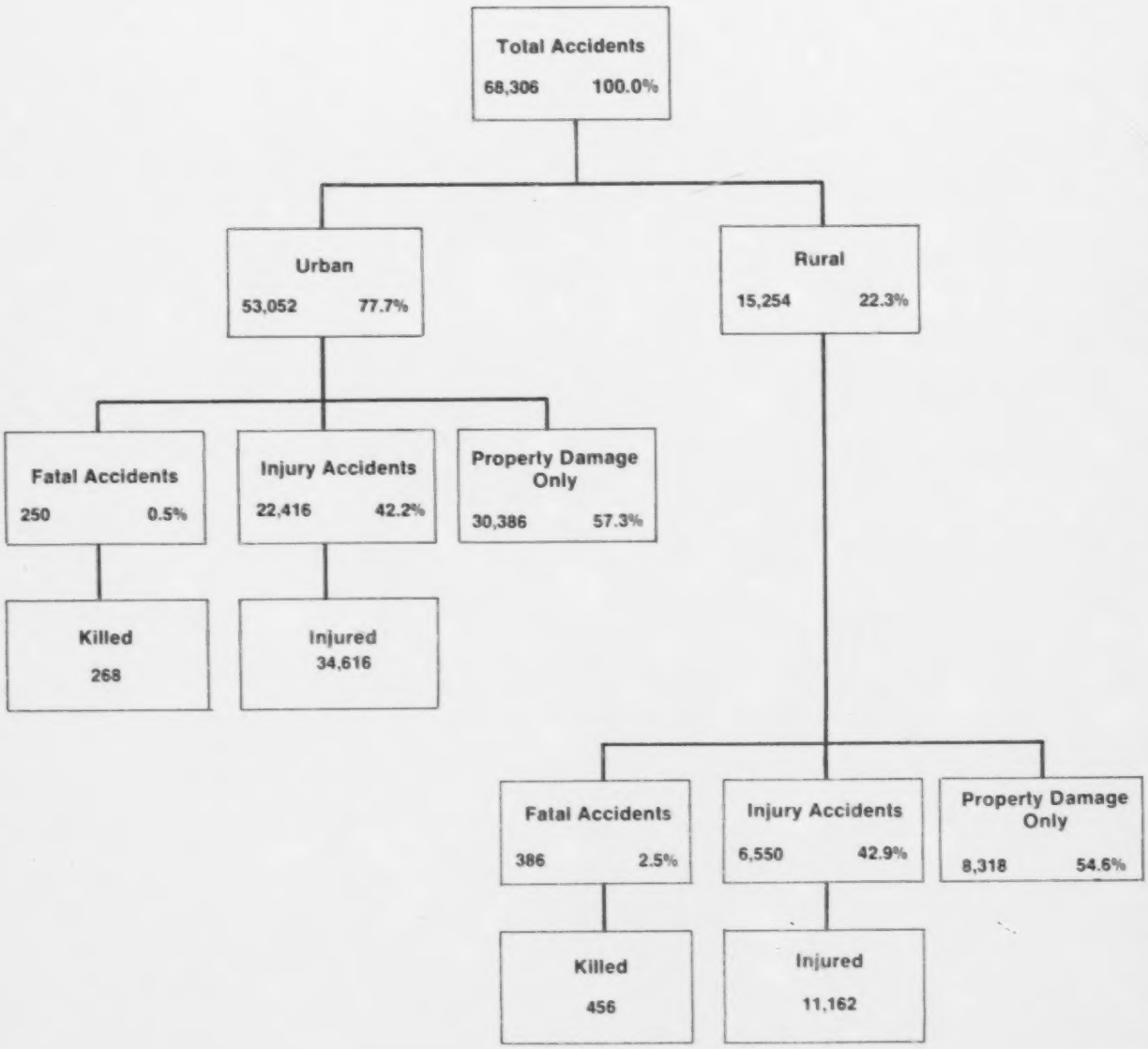
Fatal Accidents and Fatalities

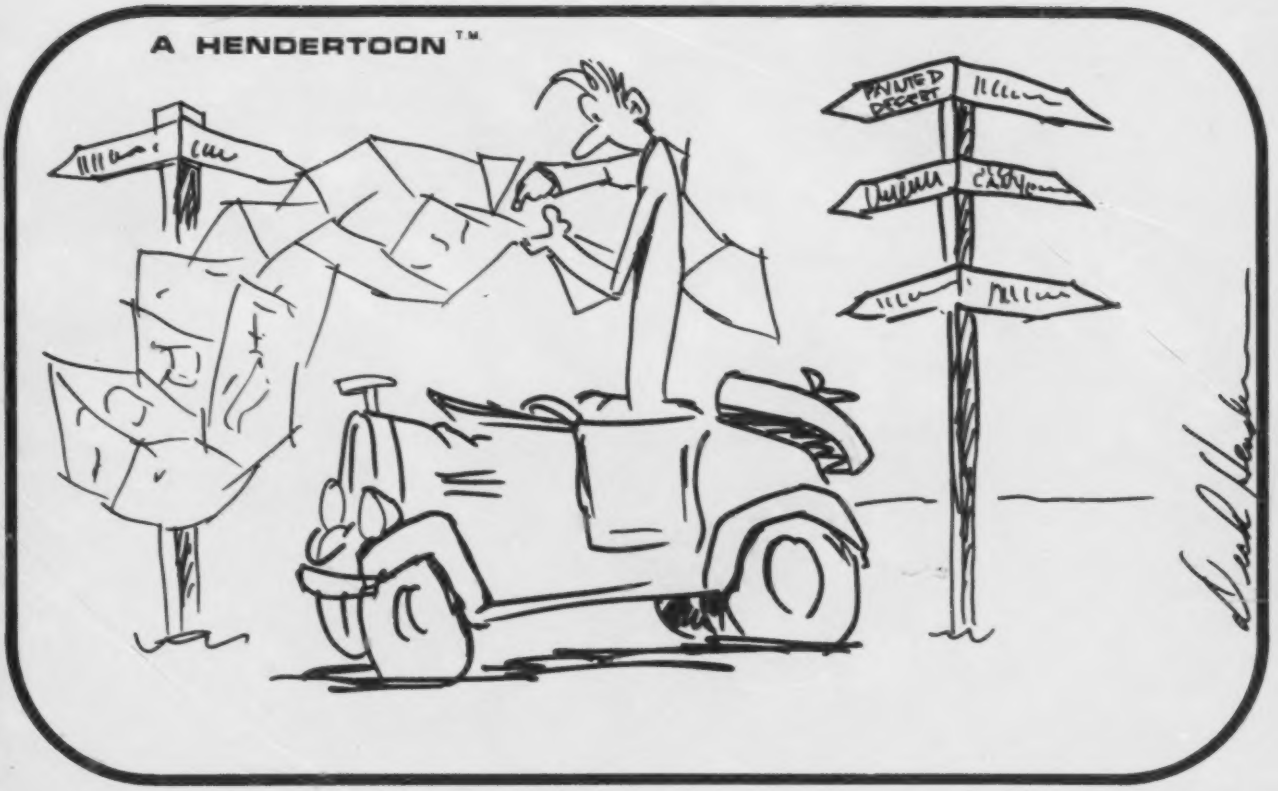
1972-1982

YEAR	New Year's		Memorial Day		4th of July		Labor Day		Thanksgiving		Christmas	
	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.
1972	(3) 9	9	(3) 8	6	(4) 14	14	(3) 16	14	(4) 16	13	(3) 21	18
1973	(3) 8	8	(3) 12	12	(1) 7	6	(3) 10	10	(4) 16	14	(4) 7	6
1974	(4) 6	5	(3) 10	6	(4) 8	8	(3) 15	11	(4) 9	8	(1) 4	4
1975	(1) 4	4	(3) 7	7	(3) 14	13	(3) 8	6	(4) 12	12	(4) 7	7
1976	(4) 14	11	(3) 10	8	(3) 16	13	(3) 8	7	(4) 6	5	(3) 5	5
1977	(3) 9	7	(3) 14	11	(3) 12	12	(3) 17	15	(4) 11	10	(3) 18	15
1978	(3) 9	9	(3) 21	20	(4) 22	19	(3) 19	15	(3) 15	12	(3) 15	13
1979	(3) 9	9	(3) 15	9	(1) 1	1	(3) 16	12	(4) 8	8	(4) 15	14
1980	(4) 17	14	(3) 9	8	(3) 11	7	(3) 12	11	(4) 13	10	(4) 20	17
1981	(4) 21	18	(3) 10	10	(3) 19	17	(3) 8	8	(4) 13	13	(3) 11	11
1982	(3) 8	8	(3) 11	9	(3) 14	11	(3) 9	7	(4) 8	7	(3) 10	8

*Note: Numbers in parenthesis indicate time-span in days as established by the National Safety Council.

Geographic Location

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Accidents, Deaths, and Injuries by Cities and Towns

(As Reported to Arizona Department of Transportation)

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
Apache	Eager	16	0	8	8	0	10	2	0	1
	St. Johns	42	0	16	26	0	25	9	0	6
	Springerville	3	0	1	2	0	2	0	0	0
	State Rural Roads	494	20	171	303	21	296	87	8	89
	County Roads	255	15	59	181	18	131	50	9	55
	Totals	**810**	**35**	**255**	**520**	**39**	**464**	**148**	**17**	**151**
Cochise	Benson	5	0	1	4	0	2	0	0	0
	Bisbee	156	0	29	127	0	41	20	0	8
	Douglas	267	3	61	203	3	85	32	0	13
	Huachuca City	9	0	3	6	0	6	3	0	3
	Sierra Vista	209	2	97	110	3	152	32	3	35
	Tombstone	7	0	1	6	0	2	1	0	2
	Willcox	46	0	16	30	0	21	3	0	2
	State Rural Roads	383	9	162	212	15	287	63	5	61
	County Roads	183	4	61	118	4	93	31	1	17
	Totals	**1,265**	**18**	**431**	**816**	**25**	**689**	**185**	**9**	**141**
Coconino	Flagstaff	1,536	3	357	1,176	5	507	150	3	82
	Fredonia	12	0	4	8	0	5	1	0	1
	Page	55	1	25	29	1	38	15	0	11
	Sedona	4	0	0	4	0	0	0	0	0
	Williams	46	0	7	39	0	12	2	0	0
	State Rural Roads	1,127	21	382	724	23	723	107	7	85
	County Roads	260	6	77	177	7	132	51	5	39
	Totals	**3,040**	**31**	**852**	**2,157**	**36**	**1,417**	**326**	**15**	**218**
Gila	Globe	155	2	64	89	2	86	37	0	27
	Hayden	11	0	8	3	0	14	1	0	3
	Miami	21	0	7	14	0	9	7	0	2
	Payson	36	1	15	20	1	27	5	1	10
	Winkleman	3	0	0	3	0	0	2	0	0
	Young	1	0	0	1	0	0	0	0	0
	State Rural Roads	486	11	189	286	18	328	99	2	101
	County Roads	100	3	42	55	3	55	16	0	11
	Totals	**813**	**17**	**325**	**471**	**24**	**519**	**167**	**3**	**154**
Graham	Safford	35	0	13	22	0	18	8	0	4
	Thatcher	17	0	8	9	0	13	2	0	1
	State Rural Roads	123	4	58	61	5	107	30	2	38
	County Roads	32	2	16	14	2	35	8	1	10
	Totals	**207**	**6**	**95**	**106**	**7**	**173**	**48**	**3**	**53**
Greenlee	Clifton	20	0	5	15	0	7	6	0	2
	Duncan	4	0	1	3	0	4	0	0	0
	Morenci	4	0	1	3	0	1	1	0	1
	State Rural Roads	82	1	29	52	1	48	17	0	10
	County Roads	24	0	9	15	0	20	6	0	5
	Totals	**134**	**1**	**45**	**88**	**1**	**80**	**30**	**0**	**18**

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
Maricopa	Avondale	72	2	38	32	2	71	9	0	17
	Buckeye	91	0	23	68	0	37	15	0	17
	Chandler	579	4	185	390	4	270	95	1	43
	El Mirage	36	1	16	19	2	28	10	2	11
	Gila Bend	6	0	3	3	0	9	3	0	9
	Gilbert	48	1	27	20	1	42	10	0	15
	Glendale	1,680	8	862	810	8	1,380	256	3	215
	Goodyear	28	0	12	16	0	24	5	0	4
	Guadalupe	8	0	2	6	0	2	1	0	0
	Mesa	2,547	21	1,393	1,133	24	2,167	367	10	369
	Paradise Valley	146	1	68	77	1	105	12	0	11
	Peoria	112	4	71	37	4	103	19	2	18
	Phoenix	24,825	97	11,280	13,448	102	17,640	3,285	30	2,934
	Scottsdale	2,139	15	944	1,180	16	1,454	266	5	273
	Surprise	19	0	7	12	0	11	7	0	8
	Tempe	4,280	12	1,544	2,724	12	2,190	528	5	445
	Tolleson	15	0	5	10	0	9	3	0	4
	Wickenburg	18	0	7	11	0	12	3	0	3
	Youngtown	6	0	1	5	0	1	0	0	0
	State Rural Roads	1,300	45	493	762	57	909	200	24	196
	County Roads	1,733	67	1,265	401	79	2,137	400	26	515
	Totals	**39,688**	**278**	**18,246**	**21,164**	**312**	**28,601**	**5,494**	**108**	**5,107**
Mohave	Bullhead City	3	0	1	2	0	1	1	0	0
	Kingman	137	4	84	49	5	134	28	5	39
	Lake Havasu City	185	1	97	87	1	164	0	0	0
	State Rural Roads	693	22	282	389	28	542	146	7	172
	County Roads	162	4	100	58	4	136	61	2	48
	Totals	**1,180**	**31**	**564**	**585**	**38**	**977**	**236**	**14**	**259**
Navajo	Holbrook	93	1	31	61	1	43	26	0	12
	Show Low	63	0	21	42	0	28	11	0	7
	Snowflake	28	0	13	15	0	24	3	0	3
	Taylor	2	0	1	1	0	2	0	0	0
	Winslow	144	3	28	113	3	35	26	0	4
	State Rural Roads	432	14	161	307	16	310	53	6	68
	County Roads	128	4	45	79	4	81	33	2	36
	Totals	**940**	**22**	**300**	**618**	**24**	**523**	**152**	**8**	**130**
Pima	Ajo	31	0	7	24	0	11	8	0	7
	Marana	31	0	15	16	0	20	7	0	7
	Oro Valley	1	0	0	1	0	0	0	0	0
	South Tucson	214	0	72	142	0	115	46	0	24
	Tucson	10,971	53	4,111	6,807	55	6,294	1,385	13	1,187
	State Rural Roads	814	20	302	492	21	532	160	11	175
	County Roads	2,642	21	1,093	1,528	26	1,674	378	7	366
	Totals	**14,704**	**94**	**5,600**	**9,010**	**102**	**8,646**	**1,984**	**31**	**1,766**

Accidents, Deaths, and Injuries by Cities and Towns

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
Pinal	Apache Junction	261	0	106	155	0	198	29	0	25
	Casa Grande	12	1	3	8	1	5	4	0	5
	Coolidge	42	0	10	32	0	17	8	0	6
	Eloy	40	1	14	25	1	22	9	0	7
	Florence	44	0	9	35	0	11	9	0	4
	Kearny	6	0	2	4	0	5	1	0	0
	Mammoth	7	0	4	3	0	5	3	0	0
	San Manuel	7	0	3	4	0	3	0	0	0
	Superior	37	0	15	22	0	21	7	0	2
	State Rural Roads	665	21	282	362	21	488	158	5	165
	County Roads	271	12	130	129	12	231	81	8	89
	Totals	**1,392**	**35**	**578**	**779**	**35**	**1,006**	**309**	**13**	**303**
Santa Cruz	Nogales	205	2	93	110	3	155	53	3	54
	Patagonia	2	0	0	2	0	0	0	0	0
	State Rural Roads	88	2	39	47	2	66	26	1	23
	County Roads	20	0	9	11	0	12	6	0	6
	Totals	**315**	**4**	**141**	**170**	**5**	**233**	**85**	**4**	**83**
Yavapai	Chino Valley	19	0	6	13	0	10	6	0	5
	Clarkdale	2	0	0	2	0	0	0	0	0
	Cottonwood	118	0	32	86	0	42	15	0	10
	Jerome	3	0	1	2	0	1	0	0	0
	Prescott	414	4	183	227	5	291	56	3	45
	Prescott Valley	34	0	13	21	0	22	5	0	3
	Seligman	1	0	0	1	0	0	0	0	0
	State Rural Roads	729	22	279	428	28	448	102	4	85
	County Roads	253	8	143	102	8	221	41	1	38
	Totals	**1,573**	**34**	**657**	**882**	**41**	**1,035**	**225**	**8**	**186**
Yuma	Parker	50	0	13	37	0	25	11	0	14
	San Luis	11	0	4	7	0	6	1	0	0
	Somerton	13	0	5	8	0	8	3	0	3
	Wellton	2	0	0	2	0	0	0	0	0
	Yuma	1,268	1	445	822	1	661	235	1	208
	State Rural Roads	628	22	281	325	27	515	136	12	148
	County Roads	273	7	129	137	7	200	64	0	78
	Totals	**2,245**	**30**	**877**	**1,338**	**35**	**1,415**	**450**	**13**	**451**
	GRAND TOTALS	**68,306**	**636**	**28,966**	**38,704**	**724**	**45,778**	**9,839**	**246**	**9,020**

Accidents, Deaths and Injuries by U.S. and State Highways, 1982

Legend

Type: I-Interstate S-State U-U.S. Highway **Prefix:** A-Alternate B-Business L-Loop X-Temporary S-Spur

Type	Prefix	Route	Number of Accidents				Number of Persons				
			Total	Fatal	Injury	Property Damage	Killed	Injured	Possible Injury	Non-Incap Injury	Incap Injury
I		8	190	8	75	107	9	120	31	59	30
S	B	8	48	—	24	24	—	41	15	19	7
I		10	1,857	33	640	1,184	39	1,134	363	547	224
S	B	10	45	2	18	25	2	27	14	10	3
I		15	33	2	18	13	2	31	7	17	7
I		17	2,641	18	727	1,896	20	1,156	415	552	189
I		19	173	5	57	111	5	91	31	38	22
I		40	1,021	27	345	649	28	651	148	343	160
U		60	897	23	377	497	33	649	216	306	127
S		61	14	—	5	9	—	7	1	2	4
S		63	19	1	6	12	1	7	6	—	1
S		64	96	—	33	63	—	60	19	25	16
U		66	66	4	28	34	4	46	9	22	15
S		67	7	—	2	5	—	5	1	2	2
S		68	39	2	17	20	2	26	6	16	4
S		69	97	1	32	64	3	55	13	26	16
U		70	119	4	50	65	5	87	17	41	29
S		71	3	—	1	2	—	2	1	1	—
S		72	9	—	4	5	—	6	1	4	1
S		73	8	1	2	5	1	3	1	2	—
S		74	34	3	16	15	4	35	10	17	8
S		75	6	—	3	3	—	3	1	2	—
S		76	14	—	9	5	—	13	3	6	4
S		77	162	5	66	91	5	110	47	39	24
S		78	4	—	2	2	—	2	—	2	—
U		80	121	2	39	80	2	62	21	29	12
S		82	44	1	27	16	1	44	14	16	14
S		83	21	—	13	8	—	19	15	2	2
S		84	47	2	14	31	2	21	9	7	5
S		85	321	12	111	198	17	235	94	94	47
S	S	85	4	—	1	3	—	1	—	—	1
S		86	70	5	30	35	5	59	10	31	18
S		87	473	16	182	275	20	364	104	178	82
S		88	115	3	55	57	4	100	29	57	14
S	B	89	2	—	2	—	—	2	1	1	—
S	L	89	6	—	2	4	—	2	1	—	1
U		89	811	17	294	500	19	500	177	216	107
U	A	89	239	4	98	137	7	151	52	64	35
S		90	70	3	30	37	5	51	8	20	23
S		92	65	—	28	37	—	37	10	23	4
S		93	21	2	4	15	2	7	2	5	—
U		93	253	8	105	140	13	187	44	114	29
S		95	356	10	154	192	12	310	101	127	82
U		95	127	3	54	70	4	87	24	44	19
S		96	24	—	11	13	—	13	—	12	1
S		97	2	—	1	1	—	1	—	1	—
S		98	32	3	14	15	3	28	17	7	4
S		99	3	—	—	3	—	—	—	—	—
S		143	1	—	1	—	—	1	—	—	1
U		160	108	3	35	70	3	70	44	12	14

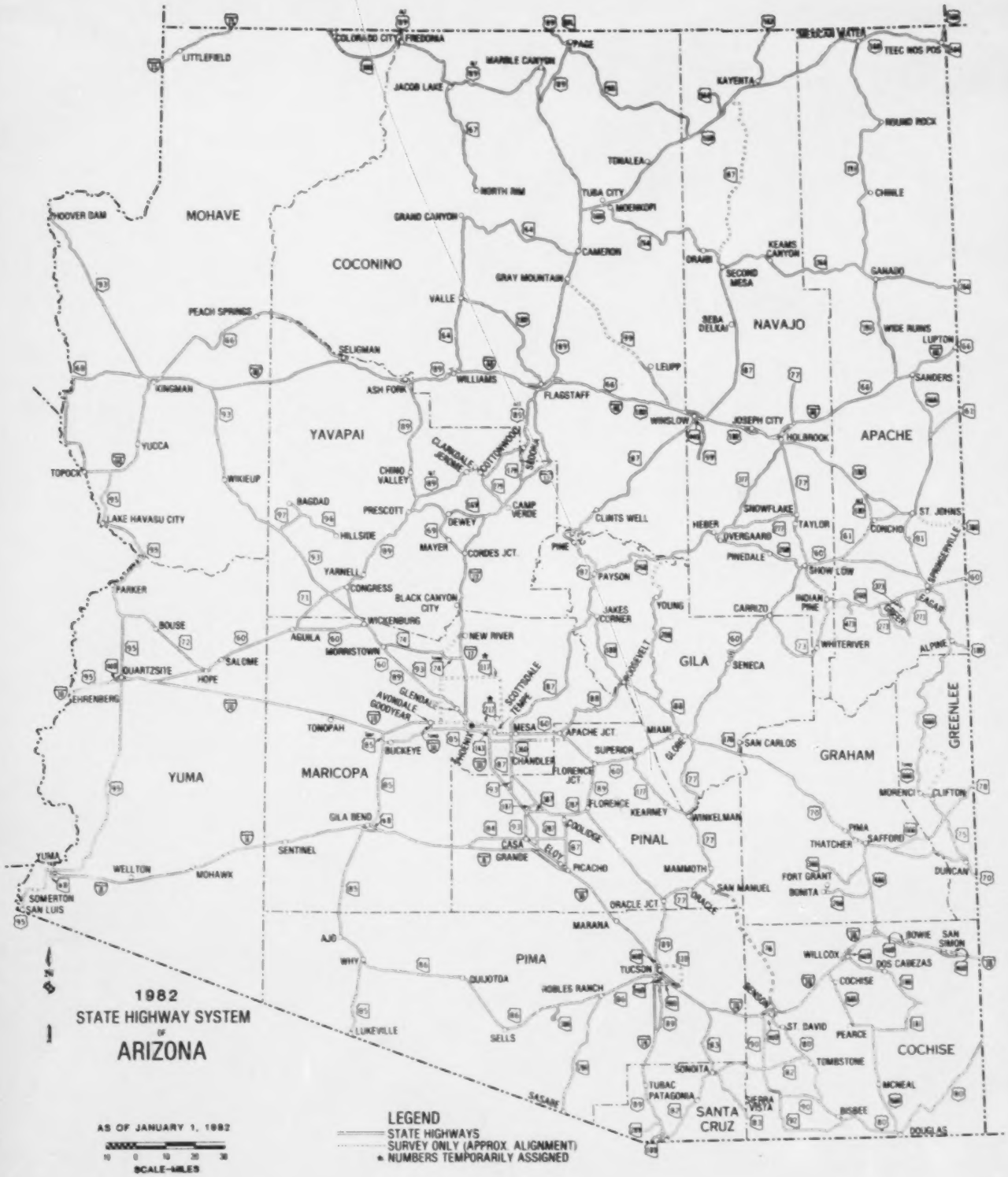
Legend

Type: I-Interstate S-State U-U.S. Highway **Prefix:** A-Alternate B-Business L-Loop X-Temporary S-Spur

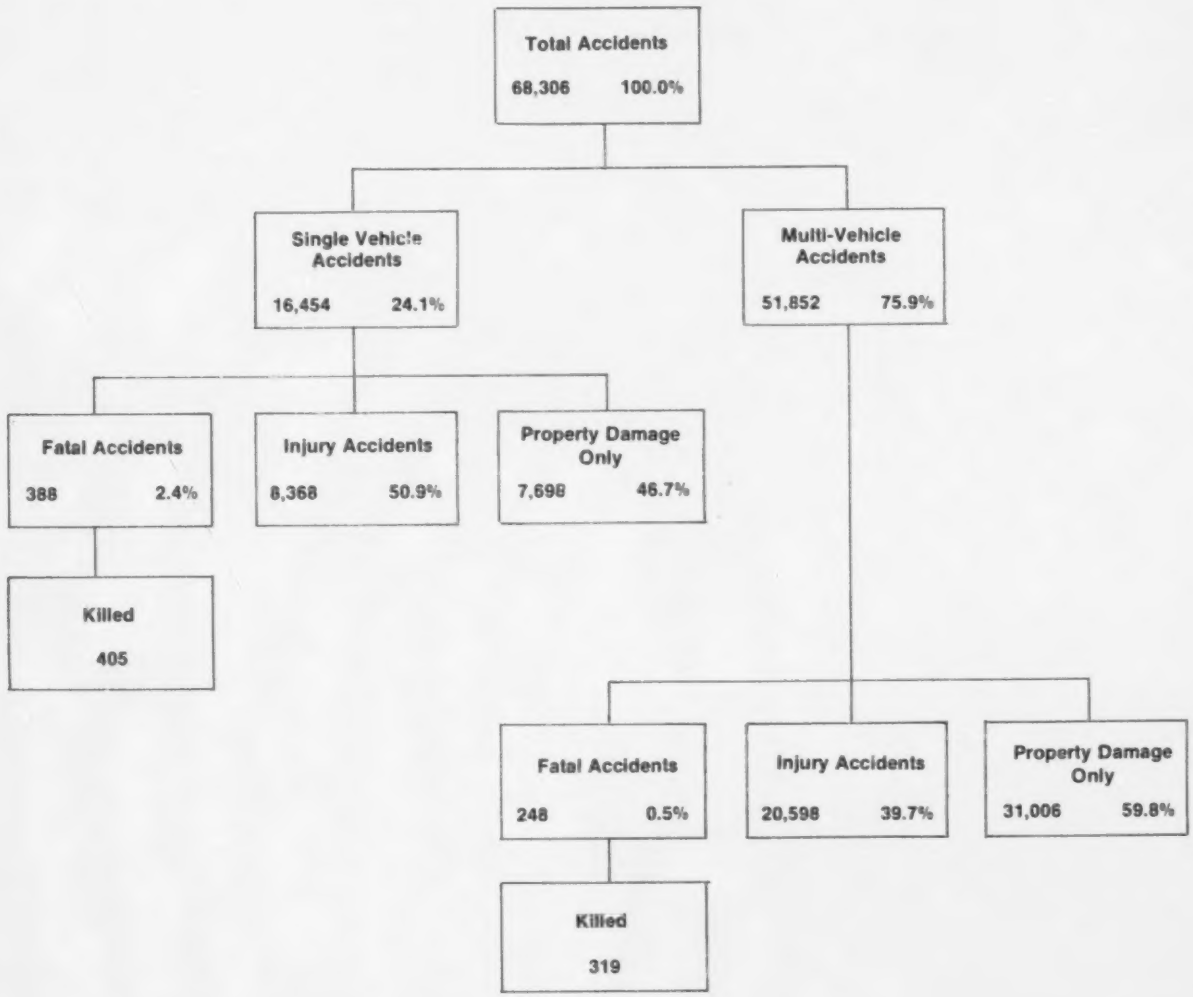
Type	Prefix	Route	Number of Accidents				Number of Persons				
			Total	Fatal	Injury	Property Damage	Killed	Injured	Possible Injury	Non-Incap Injury	Incap Injury
U		163	15	—	4	11	—	7	1	2	4
S		169	3	—	1	2	—	1	—	—	1
S		177	40	1	17	22	1	25	1	11	13
S		179	33	1	14	18	1	17	7	8	2
S	A	180	1	—	1	—	—	1	1	—	—
U		180	106	4	46	56	4	79	18	45	16
S		181	1	—	1	—	—	1	—	—	1
S		186	4	1	2	1	1	10	—	6	4
S		187	5	—	1	4	—	1	—	1	—
S		188	29	—	14	15	—	27	4	17	6
S		189	13	—	7	6	—	10	7	3	—
U		191	41	1	12	28	1	18	10	5	3
S		260	345	3	111	231	3	193	70	79	44
S		264	116	6	35	75	6	69	58	2	9
S		266	4	—	3	1	—	4	1	2	1
S	S	266	1	—	—	1	—	—	—	—	—
S		273	6	1	2	3	2	2	1	1	—
S		277	18	—	7	11	—	9	3	4	2
S		279	23	—	12	11	—	19	4	11	4
S		280	4	—	1	3	—	2	—	2	—
S		286	6	1	1	4	1	5	2	1	2
S		287	27	—	12	15	—	20	4	11	5
S		288	10	—	4	6	—	6	1	5	—
S		289	3	—	2	1	—	4	2	—	2
S		360	308	3	85	220	3	109	64	33	12
S		366	14	—	2	12	—	11	2	3	6
S		373	3	—	2	1	—	4	2	2	—
S		377	7	—	1	6	—	2	2	—	—
S		386	2	—	2	—	—	2	—	2	—
S		387	1	—	1	—	—	1	—	1	—
S		389	8	—	4	4	—	6	1	5	—
S		473	2	—	2	—	—	2	1	1	—
S		504	2	—	—	2	—	—	—	—	—
U		666	131	3	55	73	3	90	20	39	31
U	X	666	30	—	11	19	—	20	2	14	4
Totals			**12,300**	**258**	**4,337**	**7,705**	**308**	**7,496**	**2,442**	**3,474**	**1,580**

Accident Rates on the State Highway System Averaged Over 1980-1982 (Accidents Per Million Vehicle Miles of Travel)

Urban		Rural	
2 Lane	1.25	2 Lane	1.53
4 Lane	2.20	4 Lane	1.85
4 Lane Divided	2.13	4 Lane Divided	1.52
Freeway	1.58	Freeway	.78
All Road Categories	**1.26**		


1982
STATE HIGHWAY SYSTEM
OF
ARIZONA
AS OF JANUARY 1, 1982
SCALE-MILES
LEGEND
STATE HIGHWAYS
SURVEY ONLY (APPROX. ALIGNMENT)
NUMBERS TEMPORARILY ASSIGNED
MOHAVE
COCONINO
NAVAJO
YAVAPAI
APACHE
YUMA
MARICOPA
PINAL
GILA
GRAHAM
GREENLEE
PIMA
SANTA CRUZ
COCHISE
LITTLEFIELD
COLORADO CITY
FREDONIA
JACOB LAKE
MARBLE CANYON
PAGE
KAYENTA
TEEC NOS POS
ROUND ROCK
CHINLE
TEMALEA
TUBA CITY
MOENKOPI
HOOVER DAM
GRAND CANYON
NORTH RIM
CAMERON
DRAW
KEAMS CANYON
SECOND MESA
GANADO
GRAY MOUNTAIN
VALLE
PEACH SPRINGS
SELIGMAN
SEBA DELKAI
WIDE RUINS
LUPTON
LEUPP
SANDERS
KINGMAN
ASH FORK
WILLIAMS
FLAGSTAFF
WINSLOW
JOSEPH CITY
HOLBROOK
YUCCA
TOPOCK
WIKIEUP
CHINO VALLEY
CLARKDALE
JEROME
COTTONWOOD
SEDONA
BAGDAD
PRESCOTT
DEWEY
CAMP VERDE
CLINTS WELL
SNOWFLAKE
TAYLOR
ST JOHNS
CONCHO
LAKE HAVASU CITY
HILLSIDE
MAYER
CORDES JCT
PINE
HEBER
OVERGAARD
PAYSON
PINEDALE
SHOW LOW
SPRINGERVILLE
EAGAR
YARNELL
CONGRESS
BLACK CANYON CITY
JAKES CORNER
YOUNG
CARRIZO
INDIAN PINE
PARKER
WICKENBURG
AGUILA
NEW RIVER
WHITERIVER
ALPINE
BOUSE
MORRISTOWN
SENECA
SALOME
QUARTZSITE
HOPE
GLENDALE
AVONDALE
GOODYEAR
SCOTTSDALE
TEMPE
MESA
APACHE JCT
MIAMI
SAN CARLOS
SUPERIOR
GLOBE
TONOPAH
BUCKEYE
CHANDLER
FLORENCE JCT
MORENCI
CLIFTON
GILA BEND
FLORENCE
KEARNEY
WINKELMAN
COOLIDGE
CASA GRANDE
PICACHO
MAMMOTH
THATCHER
SAFFORD
PIMA
SENTINEL
ELOY
YUMA
WELLTON
MOHAWK
SAN MANUEL
FORT GRANT
BONITA
DUNCAN
SOMERTON
SAN LUIS
ORACLE JCT
ORACLE
MARANA
AJO
WHY
TUCSON
WILLCOX
BOWIE
SAN SIMON
DOS CABEZAS
COCHISE
OUIJOTOA
ROBLES RANCH
BENSON
LUKEVILLE
SELLS
ST DAVID
PEARCE
TOMBSTONE
SONOITA
TUBAC
PATAGONIA
SIERRA VISTA
MCNEAL
BISBEE
DOUGLAS
NOGALES

Accident Description



E 40
ENGINE
COMPANY

Type of Accident
(By First Harmful Event)

STATEWIDE	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	2,662	109	1,550	1,003	599	21	322	256	2,063	88	1,228	747
Other Non-Collision	2,591	17	1,240	1,334	1,943	13	941	989	648	4	299	345
Pedestrian	1,201	136	1,065	0	1,150	130	1,020	0	51	6	45	0
Motor Vehicle in Transport	47,406	213	19,611	27,582	47,120	210	19,506	27,404	286	3	105	178
Motor Vehicle on Other Roadway	7	0	1	6	7	0	1	6	0	0	0	0
Parked Motor Vehicle	3,618	9	675	2,934	3,313	5	613	2,695	305	4	62	239
Railway Train	26	2	10	14	24	2	10	12	2	0	0	2
Pedalcyclist	1,297	29	1,268	0	1,269	29	1,240	0	28	0	28	0
Animal	632	2	123	507	619	1	117	501	13	1	6	6
Fixed Object	8,190	115	3,314	4,761	1,486	10	516	960	6,704	105	2,798	3,801
Other Object	676	4	109	563	627	3	88	536	49	1	21	27
Totals	**68,306**	**636**	**28,966**	**38,704**	**58,157**	**424**	**24,374**	**33,359**	**10,149**	**212**	**4,592**	**5,345**

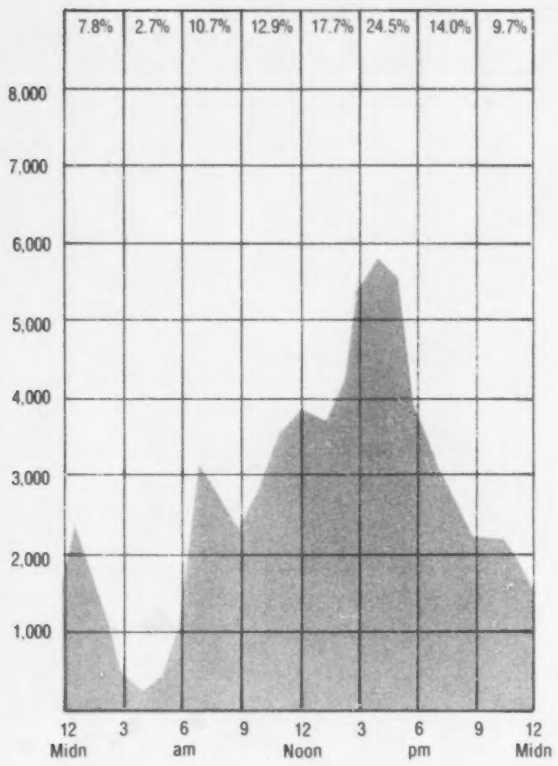
URBAN	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	461	8	304	149	174	3	118	53	287	5	186	96
Other Non-Collision	1,160	7	688	465	1,041	5	621	415	119	2	67	50
Pedestrian	997	72	925	0	959	68	891	0	38	4	34	0
Motor Vehicle in Transport	40,961	109	16,810	24,042	40,707	107	16,721	23,879	254	2	89	163
Motor Vehicle on Other Roadway	6	0	1	5	6	0	1	5	0	0	0	0
Parked Motor Vehicle	3,126	3	586	2,537	2,911	2	536	2,373	215	1	50	164
Railway Train	21	2	7	12	20	2	7	11	1	0	0	1
Pedalcyclist	1,174	14	1,160	0	1,146	14	1,132	0	28	0	28	0
Animal	60	0	29	31	59	0	29	30	1	0	0	1
Fixed Object	4,692	35	1,836	2,821	1,099	6	391	702	3,593	29	1,445	2,119
Other Object	394	0	70	324	360	0	59	301	34	0	11	23
Totals	**53,052**	**250**	**22,416**	**30,386**	**48,482**	**207**	**20,506**	**27,769**	**4,570**	**43**	**1,910**	**2,617**

RURAL	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	2,201	101	1,246	854	425	18	204	203	1,776	83	1,042	651
Other Non-Collision	1,431	10	552	869	902	8	320	574	529	2	232	295
Pedestrian	204	64	140	0	191	62	129	0	13	2	11	0
Motor Vehicle in Transport	6,445	104	2,801	3,540	6,413	103	2,785	3,525	32	1	16	15
Motor Vehicle on Other Roadway	1	0	0	1	1	0	0	1	0	0	0	0
Parked Motor Vehicle	492	6	89	397	402	3	77	322	90	3	12	75
Railway Train	5	0	3	2	4	0	3	1	1	0	0	1
Pedalcyclist	123	15	108	0	123	15	108	0	0	0	0	0
Animal	572	2	94	476	560	1	88	471	12	1	6	5
Fixed Object	3,498	80	1,478	1,940	387	4	125	258	3,111	76	1,353	1,682
Other Object	282	4	39	239	267	3	29	235	15	1	10	4
Totals	**15,254**	**386**	**6,550**	**8,318**	**9,675**	**217**	**3,868**	**5,590**	**5,579**	**169**	**2,682**	**2,728**

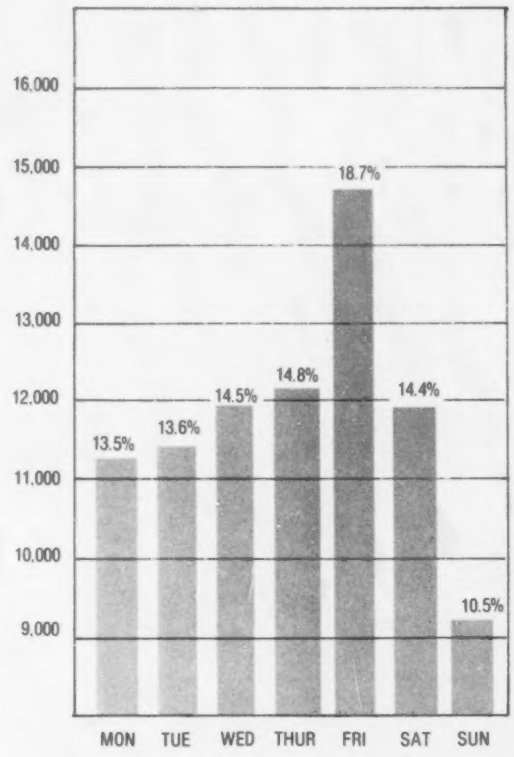
1982 Total Accidents

Time of Day — Day of Week — Monthly

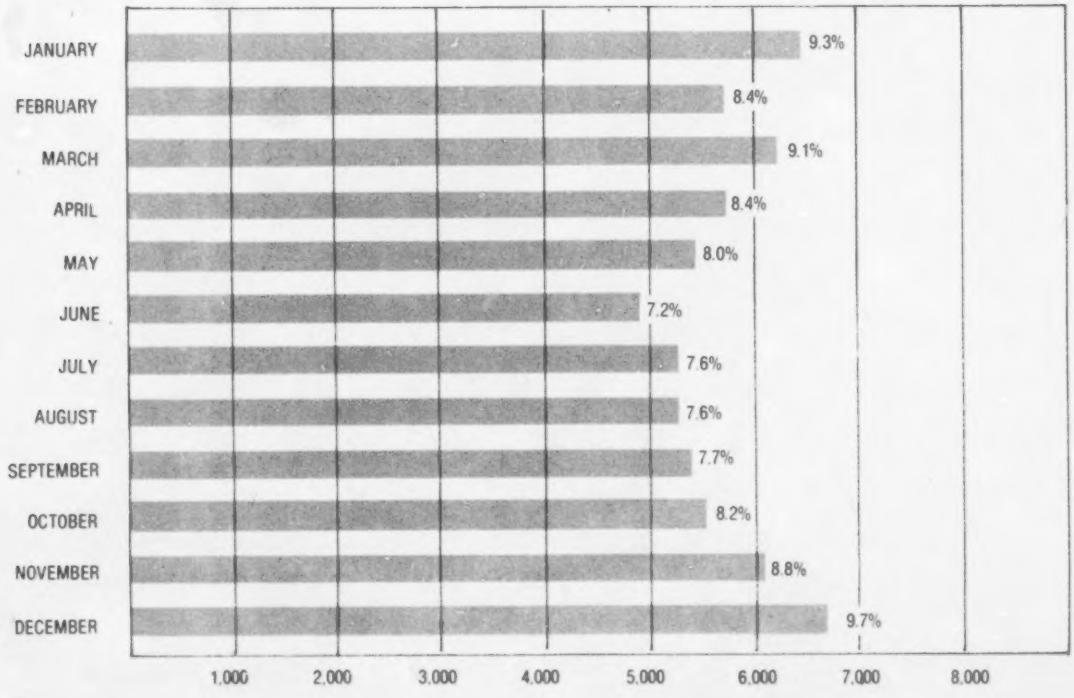
TIME OF DAY



DAY OF WEEK



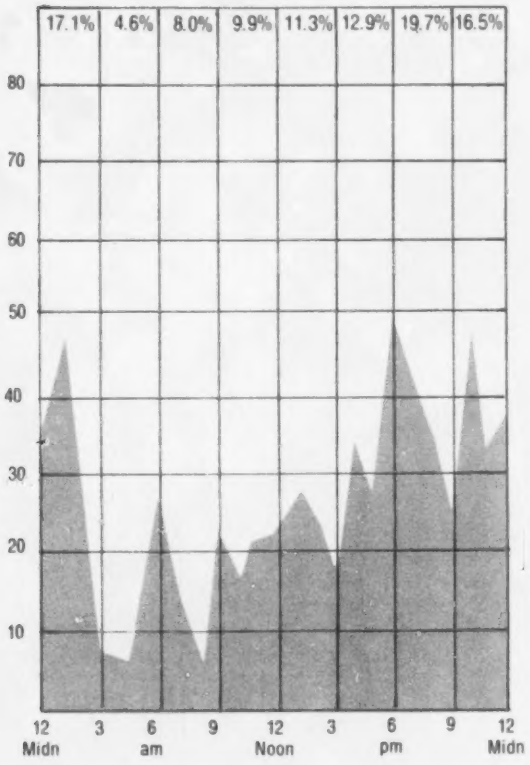
MONTHLY



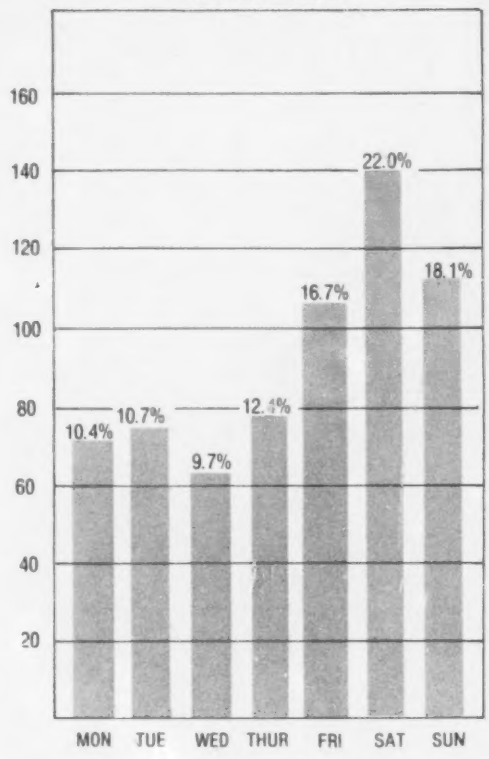
1982 Fatal Accidents

Time of Day — Day of Week — Monthly

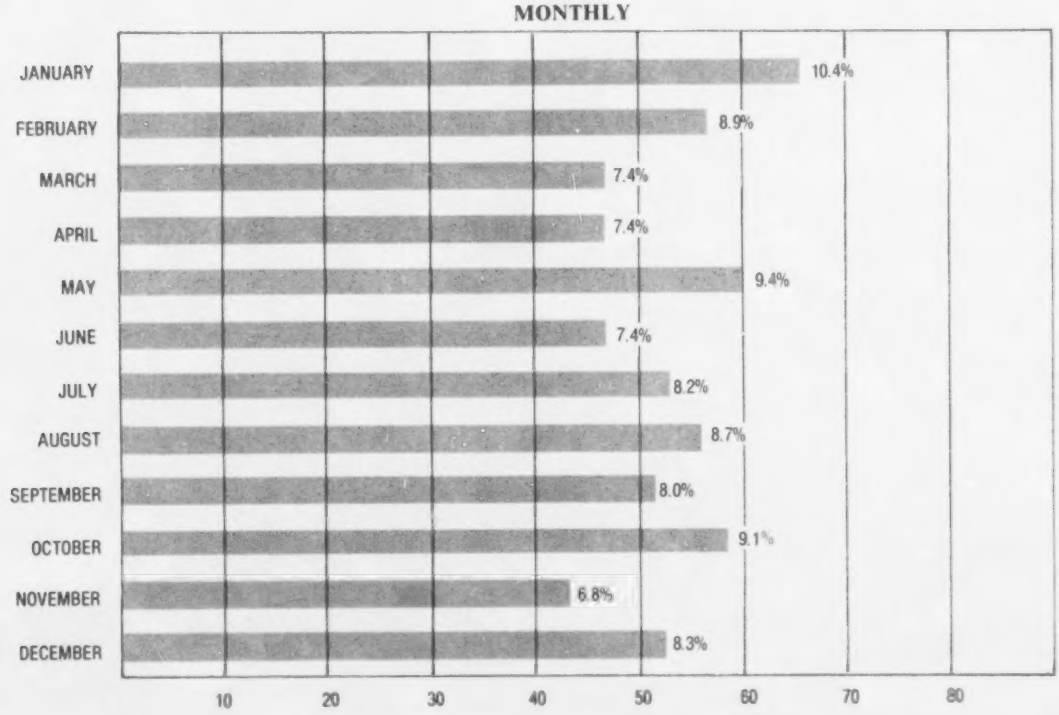
TIME OF DAY



DAY OF WEEK



MONTHLY



Multi-Vehicle Accident

SEVERITY	Total	Head-on	Rear-end	Sideswipe Meeting	Sideswipe Passing	Left Turn	Other Angle	Backed Into	Other
All Accidents	51,938	864	18,380	731	3,237	7,218	12,446	1,481	7,581
Fatal Accidents	248	48	42	8	5	36	52	1	56
Injury Accidents	20,613	466	7,821	218	592	3,697	5,617	105	2,097

Number of Vehicles Involved

VEHICLES	Number	Percent
1	16,454	13.0
2	93,490	74.1
3	13,035	10.3
4+	3,241	2.6
Totals	**126,220**	**100.00%**

Vehicle Mix in Two-Vehicle Accidents

Vehicle Type	Passenger Car	Pick Up/Van	Truck	Bus	Motorcycle	Other Vehicle
Passenger Car	59 22,668	51 13,246	16 741	0 267	21 1,759	14 2,146
Pick Up/Van		10 2,284	7 282	2 95	14 479	7 703
Truck			0 78	0 6	4 21	0 54
Bus				0 5	1 11	0 22
Motorcycle					3 39	3 67
Other Vehicle						0 98

LEGEND: Fatal Accidents / Total Accidents

Hit and Run Accidents

HIT & RUN DRIVER INVOLVED	Number of Accidents				Total Killed	Total Injured
	Total	Fatal	Injury	Property Damage		
Yes	5,283	13	1,309	3,961	13	1,791
No	63,023	623	27,657	34,743	711	43,987
Totals	**68,306**	**636**	**28,966**	**38,704**	**724**	**45,778**

Climatic Conditions

LIGHT CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Daylight	44,538	260	18,394	25,884	308	28,684
Dawn or Dusk	2,902	28	1,292	1,582	32	1,969
Darkness	20,649	342	9,224	11,083	378	15,032
Not Reported	217	6	56	155	6	93
Totals	**68,306**	**636**	**28,966**	**38,704**	**724**	**45,778**

- *65% of all accidents happened during the day, however 54% of the fatal accidents occured at night.*

WEATHER CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Clear	51,690	488	22,429	28,773	562	35,425
Raining	5,461	34	2,154	3,273	37	3,365
Cloudy	9,001	78	3,860	5,063	86	6,128
Snowing	962	7	203	752	8	341
Strong Wind	400	5	146	249	7	225
Dust	33	2	13	18	2	36
Fog	53	1	20	32	1	32
Not Stated	706	21	141	544	21	226
Totals	**68,306**	**636**	**28,966**	**38,704**	**724**	**45,778**

- *76% of the accidents took place in clear weather.*

- *83% occured on dry pavement.*

SURFACE CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Dry	56,800	546	24,592	31,662	626	38,948
Wet	7,244	44	2,891	4,309	47	4,495
Snowy or Icy	1,815	13	440	1,362	16	780
Other	2,447	33	1,043	1,371	35	1,555
Totals	**68,306**	**636**	**28,966**	**38,704**	**724**	**45,778**

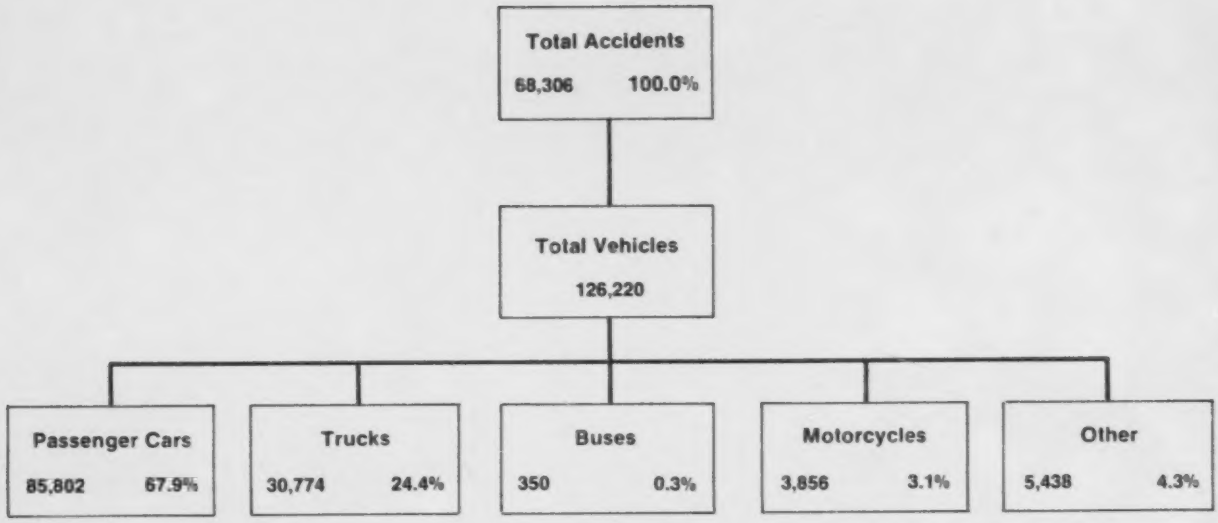
Road Characteristics

SURFACE TYPE	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Asphalt	63,134	568	27,374	35,192	655	43,315
Concrete	2,596	18	744	1,834	18	1,131
Gravel	425	6	173	246	6	269
Dirt	1,243	24	505	714	25	804
Other	68	0	21	47	0	28
Not reported	840	20	149	671	20	231
Totals	**68,306**	**636**	**28,966**	**38,704**	**724**	**45,778**

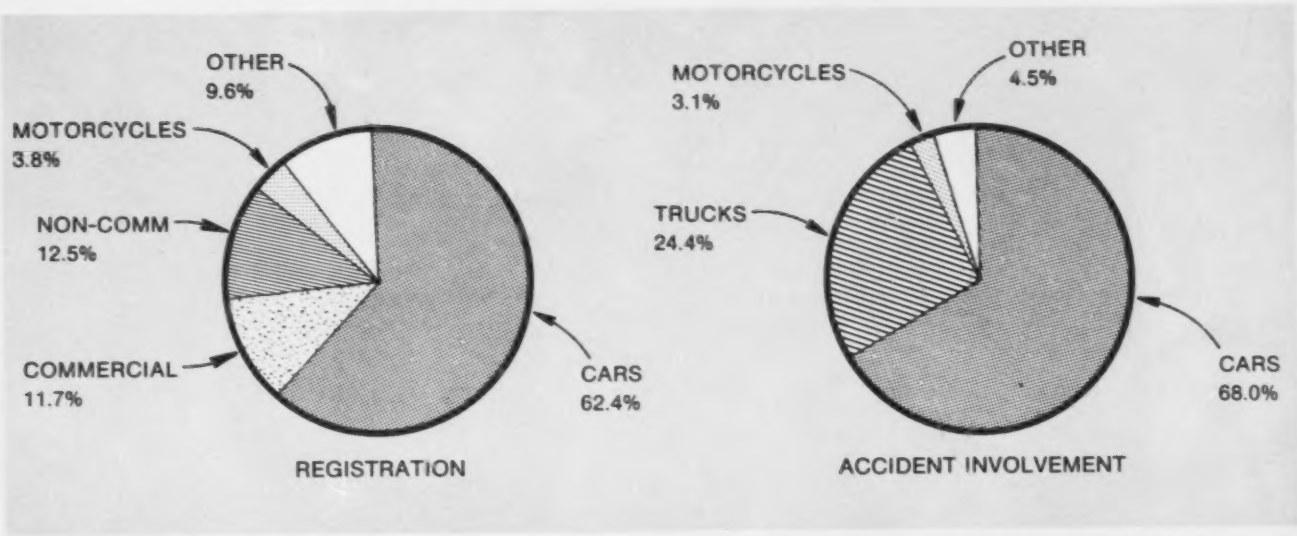
GRADE	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Level	59,408	464	25,511	33,433	517	40,212
Downgrade	4,366	98	1,801	2,467	121	2,944
Upgrade	2,769	41	1,076	1,652	50	1,685
Hillcrest	304	8	142	154	9	282
Dip	180	3	84	93	3	128
Not Reported	1,279	22	352	905	24	527
Totals	**68,306**	**636**	**28,966**	**38,704**	**724**	**45,778**

UNUSUAL ROAD CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
No Unusual Condition	65,684	605	27,865	37,214	691	44,057
Under Construction - Thru Traffic Allowed	898	5	364	529	6	578
Under Construction - Traffic Detoured	32	1	12	19	1	19
Under Repairs	113	0	51	62	0	80
Holes, Ruts, Bumps	666	12	289	365	12	453
Obstruction - Protected	31	0	14	17	0	17
Obstruction - Unprotected	79	0	24	55	0	33
Obstruction - Unlighted at Night	26	2	11	13	2	17
Defective Shoulders	63	2	29	32	3	44
Changing Road Width	348	5	149	194	5	224
Flooded	209	2	96	111	2	155
Temporary Road Closure	157	2	62	93	2	101
Totals		**636**	**28,966**	**38,704**	**724**	**45,778**

Motor Vehicle and Driver Characteristics



Motor Vehicle Registration and Accident Involvement



Number of Motor Vehicles in Accidents

TYPE OF MOTOR VEHICLE	All Accidents		Fatal Accidents	Non-Fatal Injury Accidents	Property Damage
	Number	%			
Passenger Car	85,456	67.70	495	36,626	48,335
Passenger Car and Trailer	346	.27	3	84	259
Pick Up Truck (Incl. Panel & Mini Bus)	24,614	19.50	201	9,371	15,042
Pick Up Truck with Camper	2,128	1.69	26	905	1,197
Truck Tractor (Only)	452	.36	13	146	293
Truck Tractor and Semi-Trailer	1,606	1.27	36	484	1,086
Med/Heavy Truck or Combination	1,974	1.56	23	658	1,293
Farm Tractor and/or Farm Equipment	21	.02	2	10	9
Taxicab	197	.16	1	68	128
Bus	493	.39	3	156	334
Motorcycle	3,856	3.06	82	3,375	399
Motor Scooter, Motor Bicycle	12	.01	0	12	0
Moped	95	.08	3	86	6
Recreational Vehicle	1,808	1.43	30	832	946
Motor Home	282	.22	5	90	187
Emergency Vehicle (Inc. Privately Owned)	117	.09	0	44	73
Other Type Vehicle	92	.07	1	35	56
Vehicle Type Not Stated	2,671	2.12	22	284	2,365
Totals	**126,220**	**100.0%**	**946**	**53,266**	**72,008**

1982 Motor Vehicle Registration

Passenger Car	1,390,084
Commercial Vehicles	261,242
Non-Commercial (Pick Ups, Etc.)	278,636
Motorcycles	84,776
Other	213,905
Total	**2,228,643**

BEST AVAILABLE COPY

Licensed Drivers in Arizona

Age Group	Male		Female		Total		
	Number	Percent	Number	Percent	Number	Percent	Cumulative Percent
15-16	14,586	1.2	12,464	1.2	27,050	1.2	1.2
17	17,734	1.5	15,354	1.5	33,088	1.5	2.7
18-19	49,809	4.2	41,877	4.2	91,686	4.2	6.9
20-24	170,352	14.3	140,652	13.9	311,004	14.1	21.0
25-34	330,882	27.7	267,214	26.4	598,096	27.2	48.2
35-44	210,126	17.6	177,974	17.6	388,100	17.6	65.8
45-54	142,990	12.0	122,311	12.1	265,301	12.0	77.8
55-64	125,548	10.5	118,718	11.8	244,266	11.1	88.9
65 and Over	130,821	11.0	114,512	11.3	245,333	11.1	100.0
Total	**1,192,848**	**100.0%**	**1,011,076**	**100.0%**	**2,203,924**	**100.0%**	**100.0%**

- *There was only a 4% increase in the number of licensed drivers from 1981 to 1982.*

Driver Errors Causing Accidents

Contributing Circumstances	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Speed Too Fast for Conditions	23,965	19.0	223	23.6	10,929	20.5
Exceeding Lawful Speed Limit	1,582	1.3	79	8.4	889	1.7
Failed to Yield Right-of-Way	15,995	12.7	62	6.6	7,331	13.8
Passed Stop Sign	1,352	1.1	14	1.5	714	1.3
Disragarded Traffic Signal	3,252	2.6	23	2.4	1,795	3.4
Drove Left of Center	1,843	1.5	61	6.4	857	1.6
Followed Too Closely	1,967	1.6	2	.2	647	1.2
Made Improper Turn	3,225	2.6	10	1.1	1,020	1.9
Driver Inattention	14,856	11.8	116	12.3	6,573	12.3
Other Improper Driving	12,001	9.5	95	10.0	3,991	7.5
No Improper Driving	54,445	43.1	337	35.6	23,580	44.3
Not Reported	3,035	2.4	27	2.9	870	1.6
Number of Drivers	**126,220**	**	**946**	**	**53,266**	**

** Totals more than 100% because of multiple errors

Physical Condition of Driver

Driver Defects	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
No Apparent Defects	101,753	80.6	472	49.9	42,843	80.4
Had Been Drinking	10,148	8.0	217	22.9	5,393	10.1
Ill, Ability Influenced	270	.2	3	.3	162	.3
Other Bodily Defects	457	.4	8	.9	244	.5
Influence of Narcotic Drugs	300	.2	3	.3	171	.3
Sleepy, Fatigued	1,752	1.4	52	5.5	1,017	1.9
Unknown	12,310	9.8	204	21.6	3,880	7.3
Number of Drivers	**126,220**	**	**946**	**	**53,266**	**

** Totals more than 100% because of multiple driver conditions

Driver Characteristics

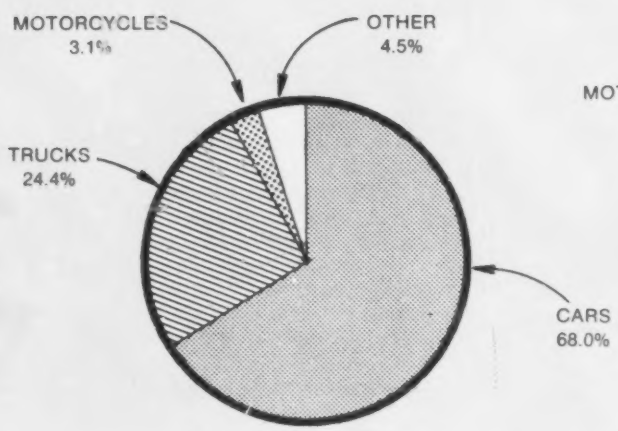
AGE GROUP	Involved in All Accidents		Involved in Fatal Accidents		Involved in Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
15 & Younger	543	.4	4	.4	264	.5
16	2,682	2.1	15	1.7	1,207	2.3
17	4,044	3.2	17	1.8	1,759	3.3
18-19	10,481	8.3	62	6.6	4,603	8.6
20-24	23,446	18.6	197	20.8	10,205	19.2
25-34	31,487	24.9	227	24.0	13,582	25.5
35-44	16,759	13.3	141	14.9	7,266	13.6
45-54	10,513	8.3	89	9.4	4,512	8.5
55-64	8,535	6.8	54	5.7	3,727	7.0
65 and Older	8,056	6.4	68	7.2	3,717	7.0
Not Reported	9,674	7.7	71	7.5	2,424	4.5
Totals	**126,220**	**100.0%**	**946**	**100.0%**	**53,266**	**100.0%**

SEX OF DRIVER	All Accidents		Fatal Accidents		Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Male	78,658	62.3	709	74.9	33,632	63.1
Female	39,609	31.4	184	19.5	17,839	33.5
Not Reported	7,953	6.3	53	5.6	1,795	3.4
Totals	**126,220**	**100.0%**	**946**	**100.0%**	**53,266**	**100.0%**

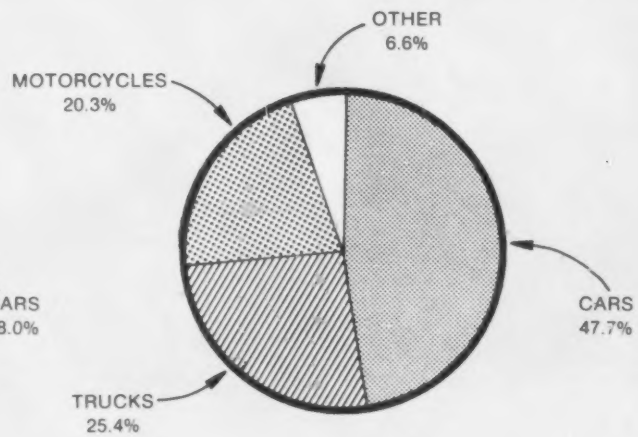
RESIDENCE OF DRIVERS	All Accidents		Fatal Accidents		Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Arizona Resident	98,834	78.3	660	69.8	43,690	82.0
Non-Resident	12,793	10.1	176	18.6	5,435	10.2
Not Reported	14,593	11.6	110	11.6	4,141	7.8
Totals	**126,220**	**100.0%**	**946**	**100.0%**	**53,266**	**100.0%**

Drivers Killed and Injured

TYPE OF MOTOR VEHICLE	Number of Drivers	
	Total Killed	Total Injured
Passenger Car	168	18,565
Passenger Car and Trailer	1	31
Pick Up Truck (Incl. Panel & Mini Bus)	71	3,996
Pick Up Truck with Camper	11	421
Truck Tractor (Only)	1	54
Truck Tractor and Semi Trailer	5	208
Med/Heavy Truck or Combination	2	181
Farm Tractor and/or Farm Equipment	2	2
Taxicab	0	29
Bus	0	40
Motorcycle	72	3,236
Motor Scooter, Motor Bicycle	0	11
Moped	3	84
Recreational Vehicle	15	407
Motor Home	2	24
Emergency Vehicle	0	23
Other Type of Vehicle	0	21
Vehicle Type Not Stated	1	14
Totals	**354**	**27,347**

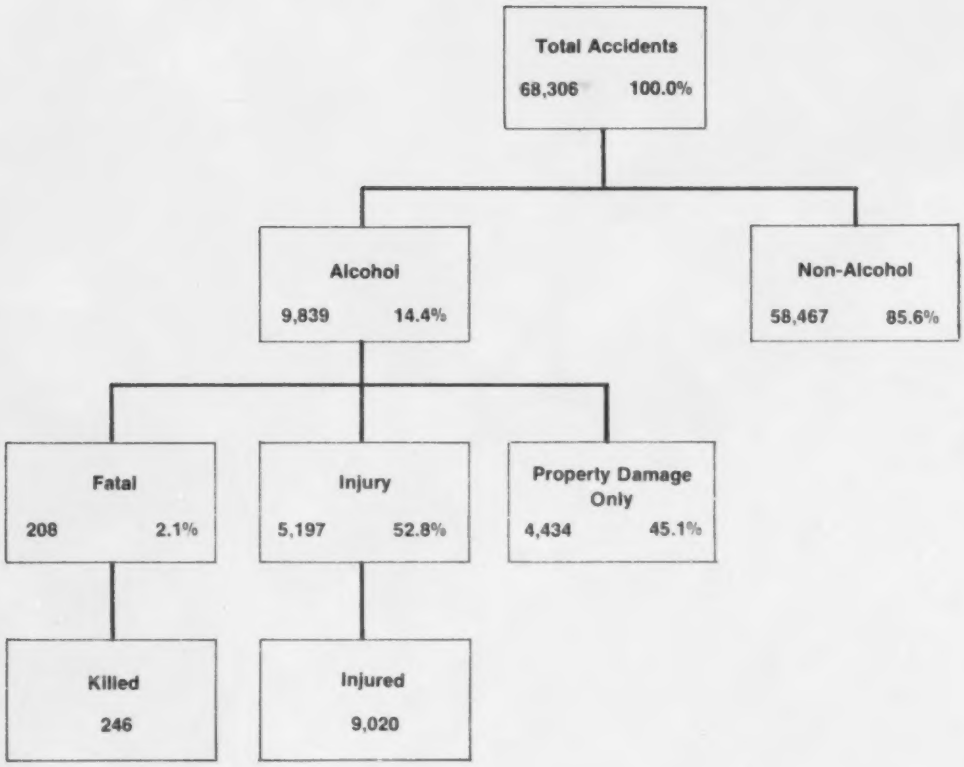


ACCIDENT INVOLVEMENT



DRIVERS KILLED

Alcohol-Related Accidents



Alcohol Related Accidents and Fatalities 1976-1982

YEAR	Total Alcohol Related Accidents	Percent of All Accidents	Persons Killed	Percent of All Killed
1976	9,168	13.4%	219	29.7%
1977	10,567	14.1%	290	31.1%
1978	12,103	13.8%	390	38.0%
1979	12,877	14.6%	376	36.5%
1980	12,570	15.7%	347	36.6%
1981	12,029	16.6%	328	35.8%
1982	9,839	14.4%	246	34.0%

1982 Alcohol Related Accidents

TYPE OF MOTOR VEHICLE ACCIDENT	Total	Fatal	Non-Fatal Injury	Property Damage
Overturning	638	51	447	140
Other Non-Collision	373	6	270	97
Pedestrian	92	22	70	0
Motor Vehicle in Transport	4,980	71	2,672	2,237
Motor Vehicle on Other Roadway	1	0	1	0
Parked Motor Vehicle	879	1	300	578
Railway Train	6	1	2	3
Pedalcyclist	37	5	32	0
Animal	26	1	7	18
Fixed Object	2,769	49	1,380	1,340
Other Object	38	1	16	21
Not Stated	0	0	0	0
Totals	**9,839**	**208**	**5,197**	**4,434**

ROAD SURFACE CONDITION	Number of Accidents	Number of Fatal Accidents	Number of Non-Fatal Injury Accidents
Dry	8,460	182	4,516
Wet	862	9	422
Snowy or Icy	78	1	23
Other	439	16	236
Not Stated	0	0	0
Totals	**9,839**	**208**	**5,197**

Drinking Drivers Involved in Accidents

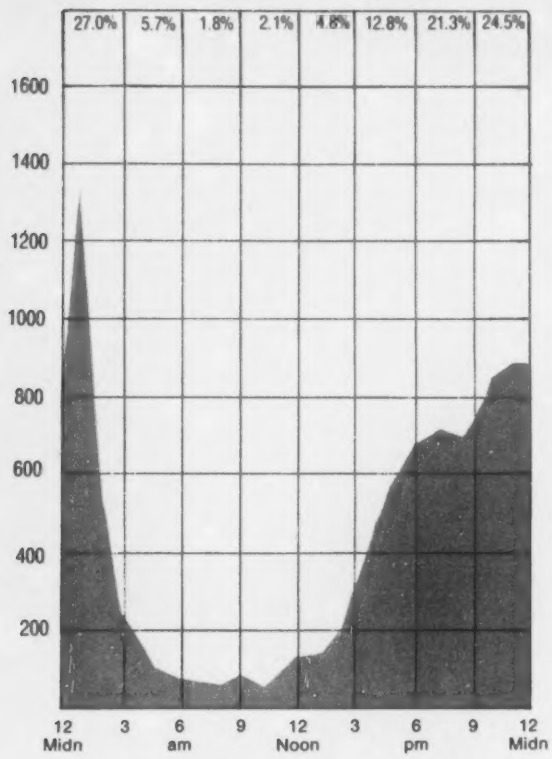
- *In the 9,839 accidents involving alcohol, 10,148 drivers had been drinking.*

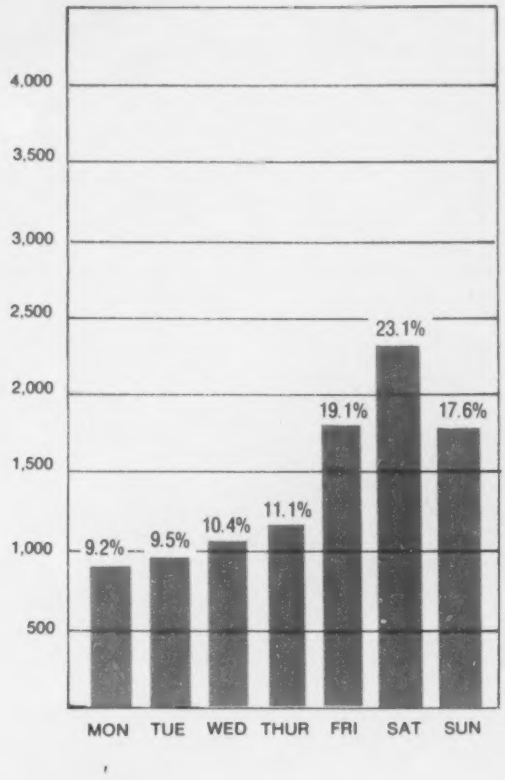
AGE OF DRIVER	Number of Drivers	Percent of Total	Number of of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
15 & Younger	28	.3	0	13
16	118	1.2	2	69
17	246	2.4	7	119
18-19	988	9.7	19	568
20-24	2,662	26.2	71	1,400
25-34	3,221	31.7	61	1,799
35-44	1,326	13.1	38	686
45-54	710	7.0	10	365
55-64	442	4.4	3	202
65-74	156	1.5	1	74
75 & Older	31	.3	1	17
Not Stated	220	2.2	4	81
Totals	**10,148**	**100.00%**	**217**	**5,393**

- *83% of the drinking drivers were male*

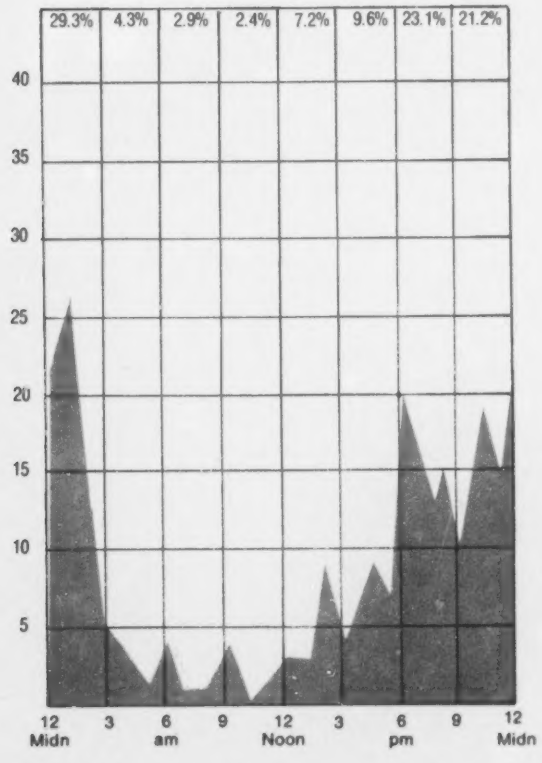
SEX OF DRIVER	Number of Drivers	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
Male	8,416	191	4,461
Female	1,624	24	902
Not Stated	108	2	30
Totals	**10,148**	**217**	**5,393**

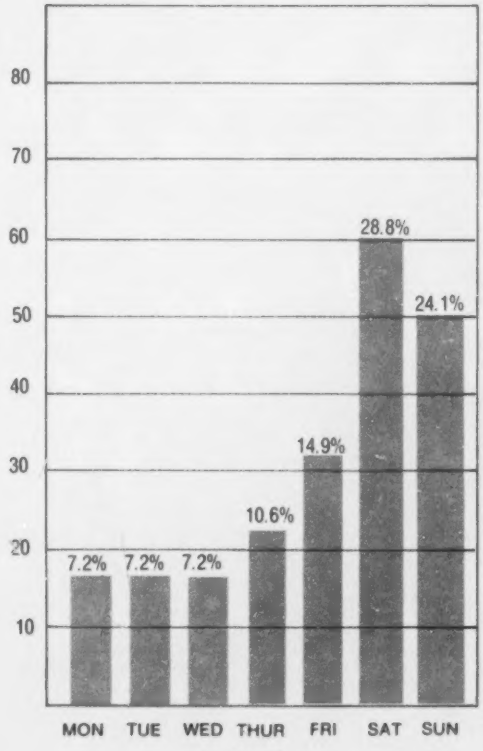
Total Accidents Involving Drinking Drivers



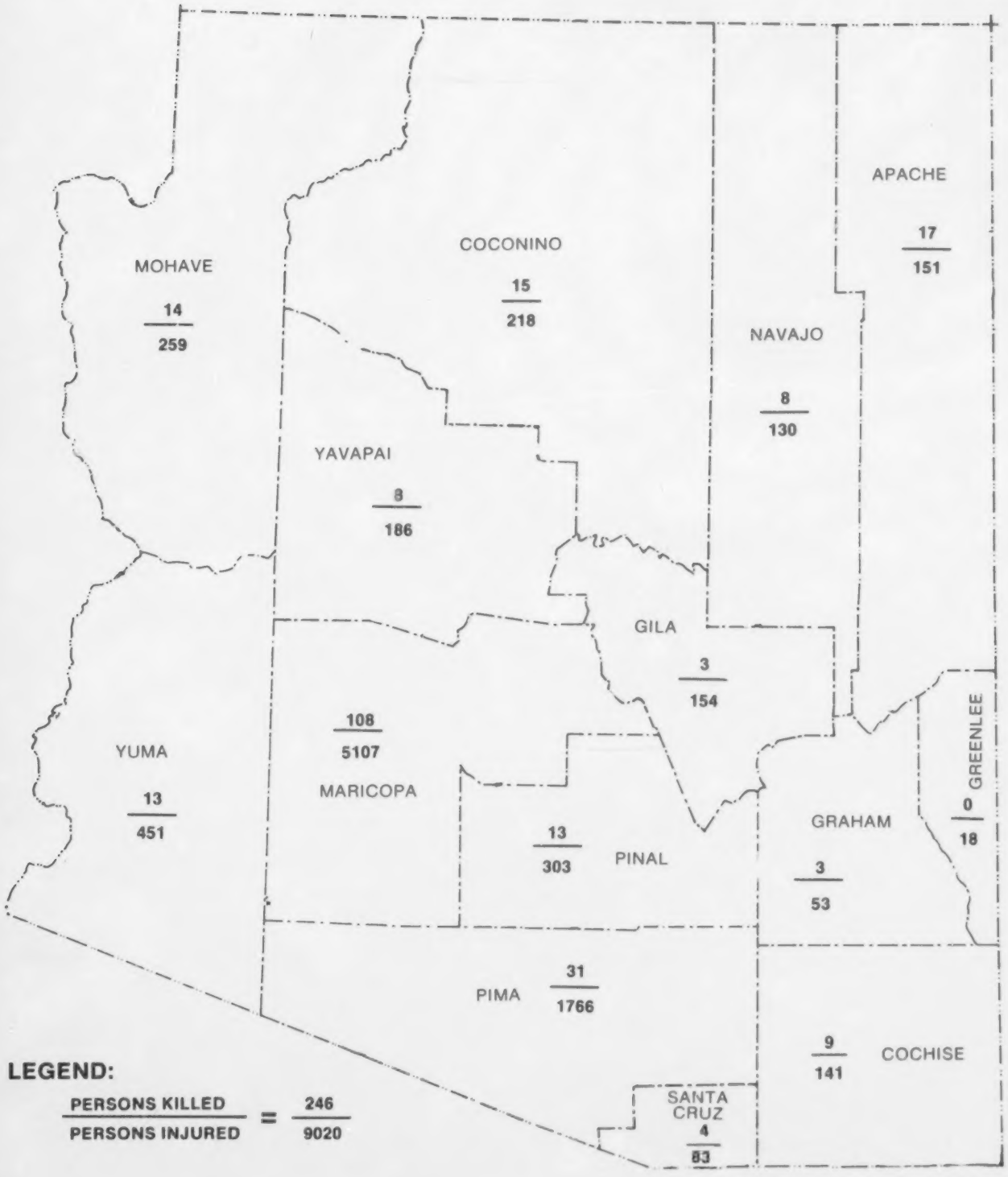


Fatal Accidents Involving Drinking Drivers

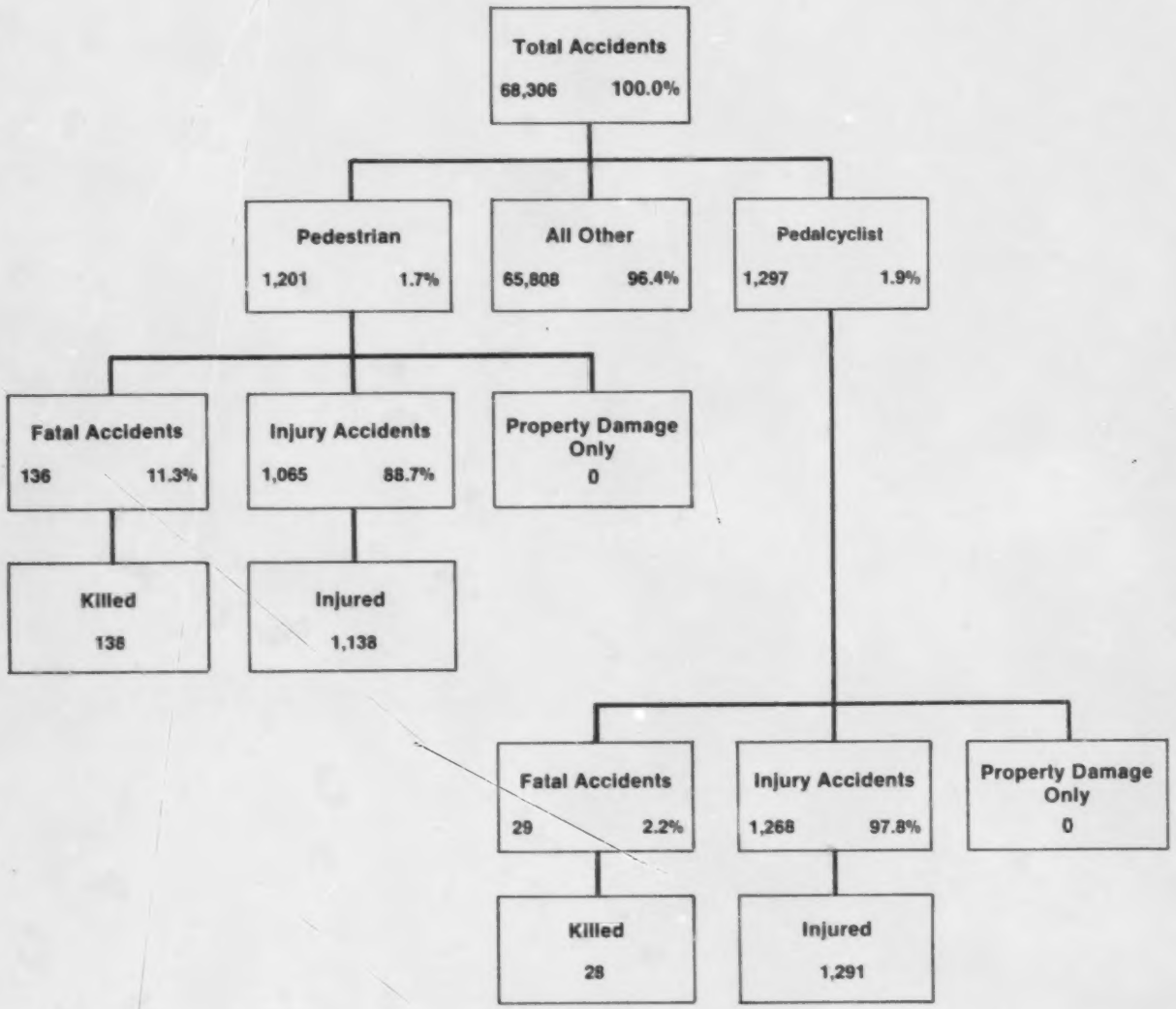


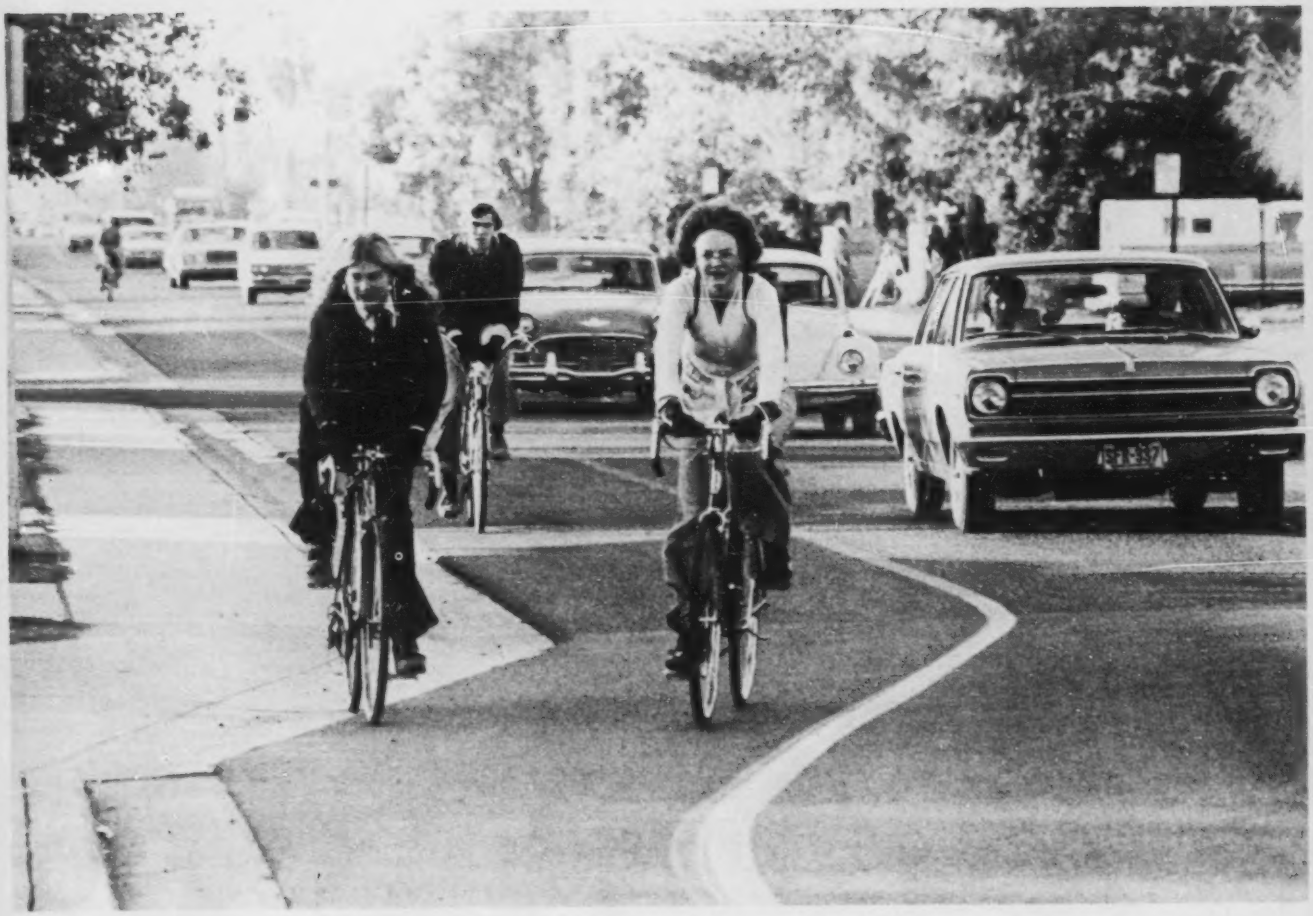


Fatalities and Injuries in Accidents Involving Drinking Drivers

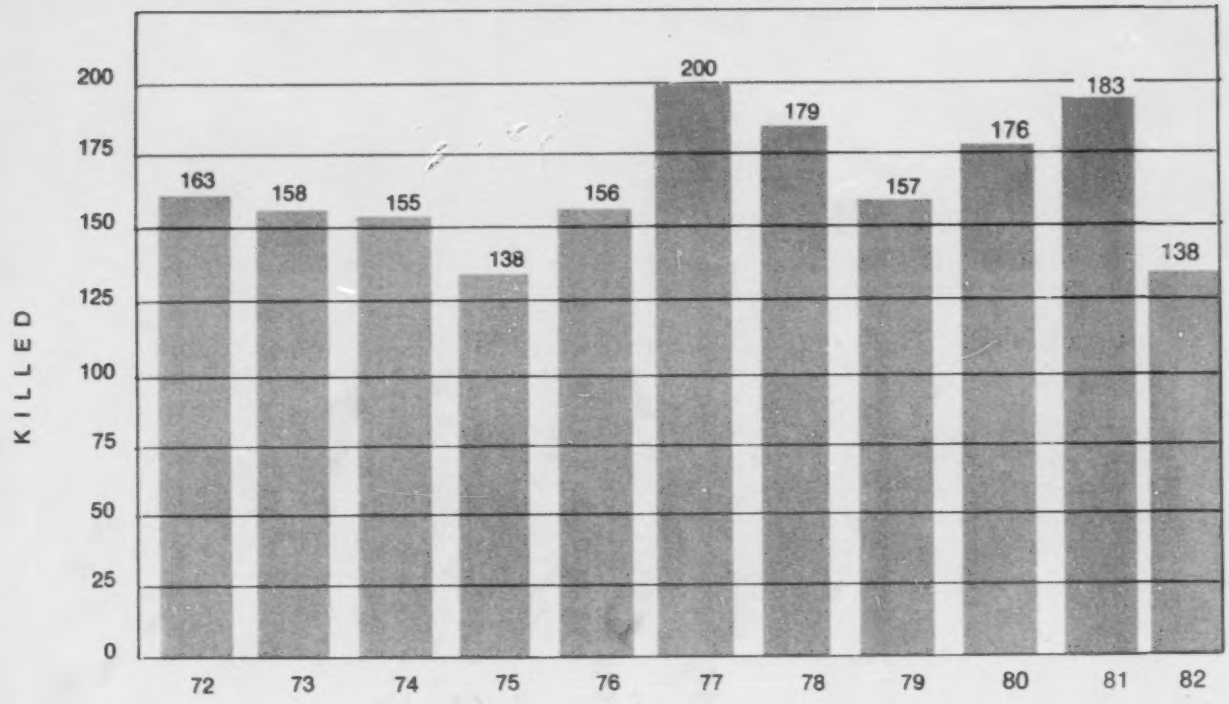


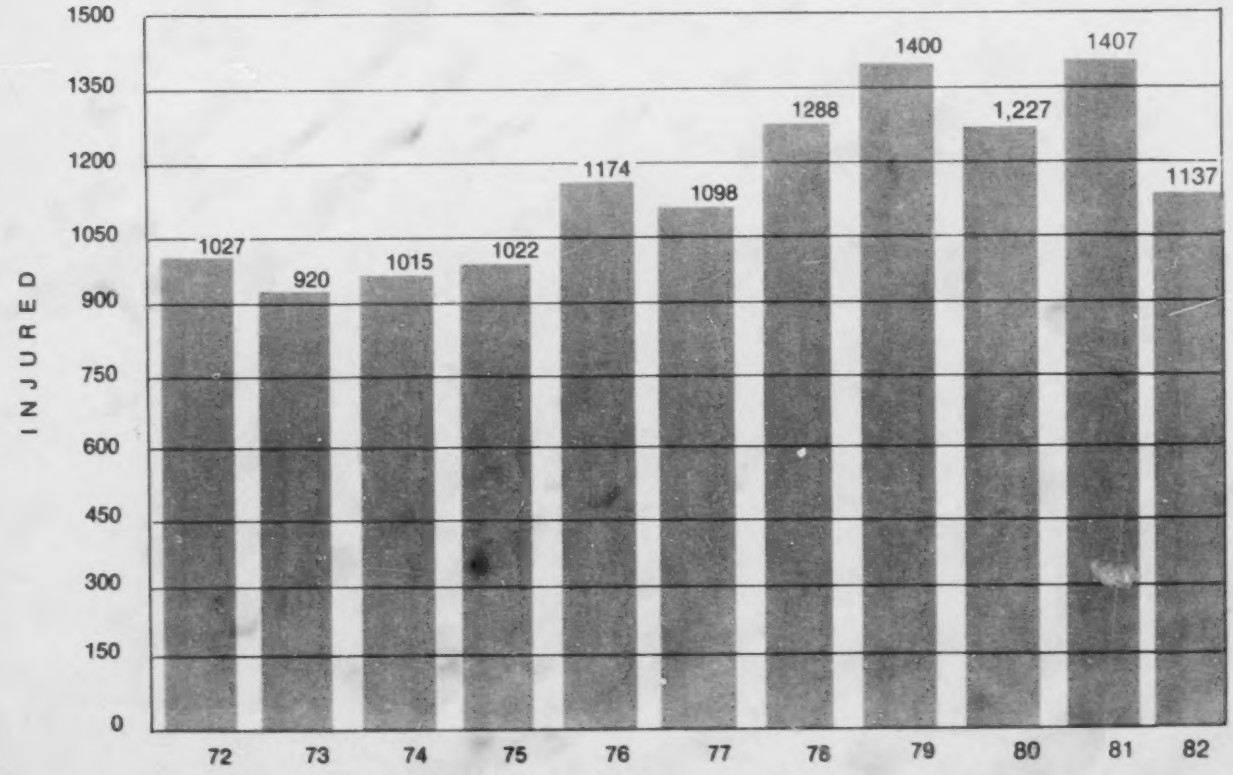
Pedestrian and Pedalcyclist Accidents





Pedestrians Killed and Injured
1972-1982





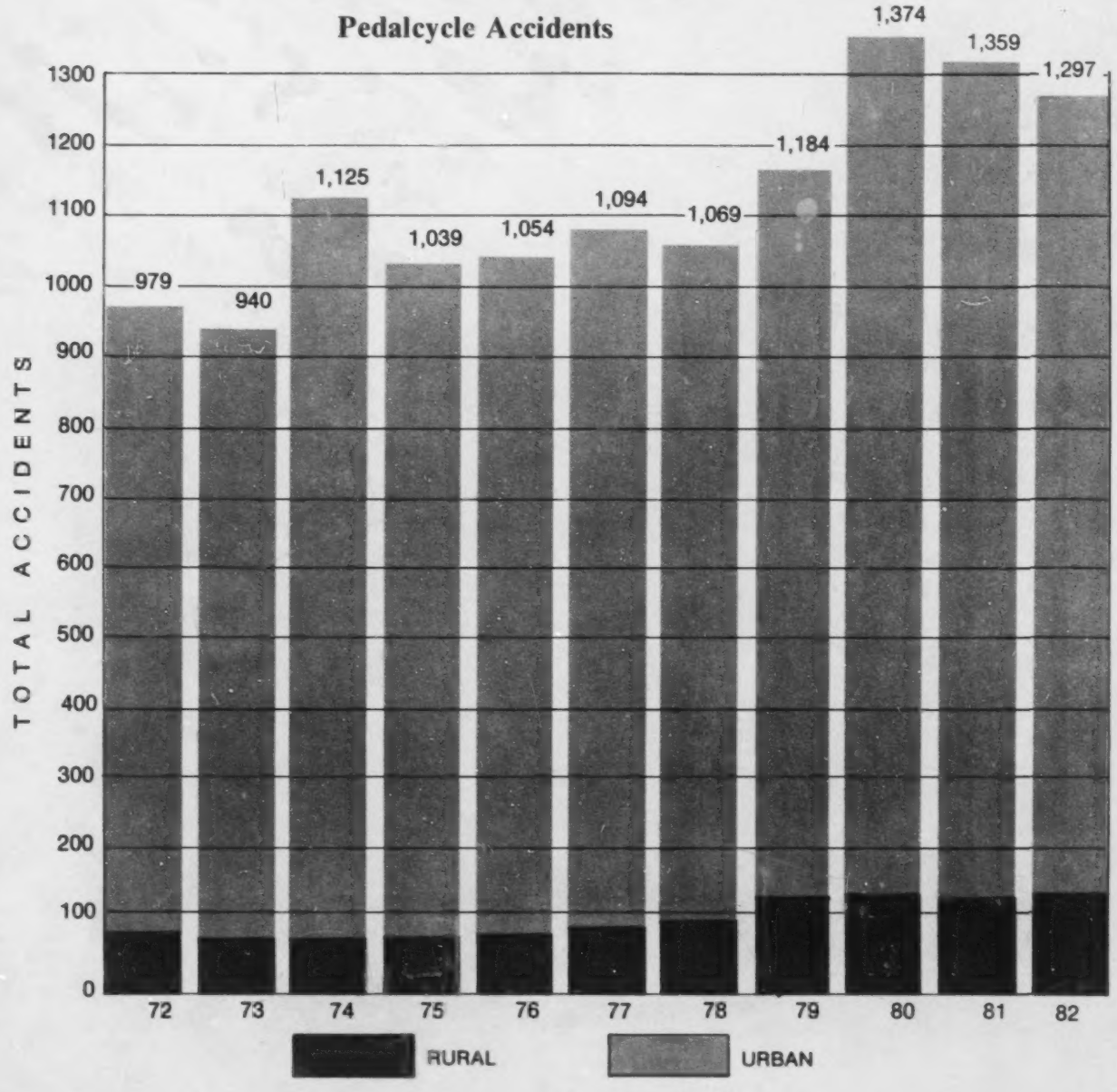
Pedestrian Accidents, 1982

PEDESTRIANS KILLED	Totals	Age of Pedestrians Killed								
		0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & Older	Not Stated
Crossing at Intersection or Crosswalk	10	0	1	1	2	1	1	1	2	1
Crossing Not at Intersection or Crosswalk	58	3	3	2	3	3	14	11	15	4
Walking in Roadway with Traffic	11	0	0	0	1	4	4	1	0	1
Walking in Roadway Against Traffic	5	0	0	0	0	0	3	1	0	1
Standing in Roadway	8	0	0	1	0	1	5	1	0	0
Pushing or Working on Vehicle in Roadway	1	0	0	0	0	0	1	0	0	0
Other Working in Roadway	1	0	0	0	0	0	1	0	0	0
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	7	0	0	0	1	1	4	0	1	0
Getting on or Off Vehicle in Roadway	0	0	0	0	0	0	0	0	0	0
Other Actions in Roadway	12	1	0	0	2	1	3	3	1	1
Not in Roadway	8	0	0	0	2	0	2	1	1	2
Actions Not Stated	17	0	0	0	0	2	7	1	4	3
Totals	**138**	**4**	**4**	**4**	**11**	**13**	**45**	**20**	**24**	**13**

PEDESTRIANS INJURED	Totals	Age of Pedestrians Injured								
		0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & Older	Not Stated
Crossing at Intersection or Crosswalk	182	1	16	23	20	12	48	24	20	18
Crossing Not at Intersection or Crosswalk	499	41	70	62	50	49	92	48	46	41
Walking in Roadway with Traffic	47	1	1	3	11	6	10	7	4	4
Walking in Roadway Against Traffic	39	1	3	5	10	4	5	5	1	5
Standing in Roadway	78	3	3	3	9	10	29	14	1	6
Pushing or Working on Vehicle in Roadway	13	0	0	0	1	4	5	1	0	2
Other Working in Roadway	7	0	0	0	0	1	2	3	0	1
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	7	0	0	1	0	1	4	1	0	0
Getting On or Off Vehicle in Roadway	10	0	1	0	2	1	1	0	1	4
Other Actions in Roadway	138	12	18	11	16	8	35	10	8	20
Not in Roadway	55	0	3	2	7	10	15	5	4	9
Actions Not Stated	62	5	5	3	6	6	14	5	5	13
Totals	**1,137**	**64**	**120**	**113**	**132**	**112**	**260**	**123**	**90**	**123**

Pedalcycle Accidents 1972-1982

YEARS	Number of Persons	
	Total Killed	Total Injured
1972	11	846
1973	16	839
1974	18	919
1975	16	926
1976	17	956
1977	19	1016
1978	18	1076
1979	14	1197
1980	19	1377
1981	15	1370
1982	28	1291



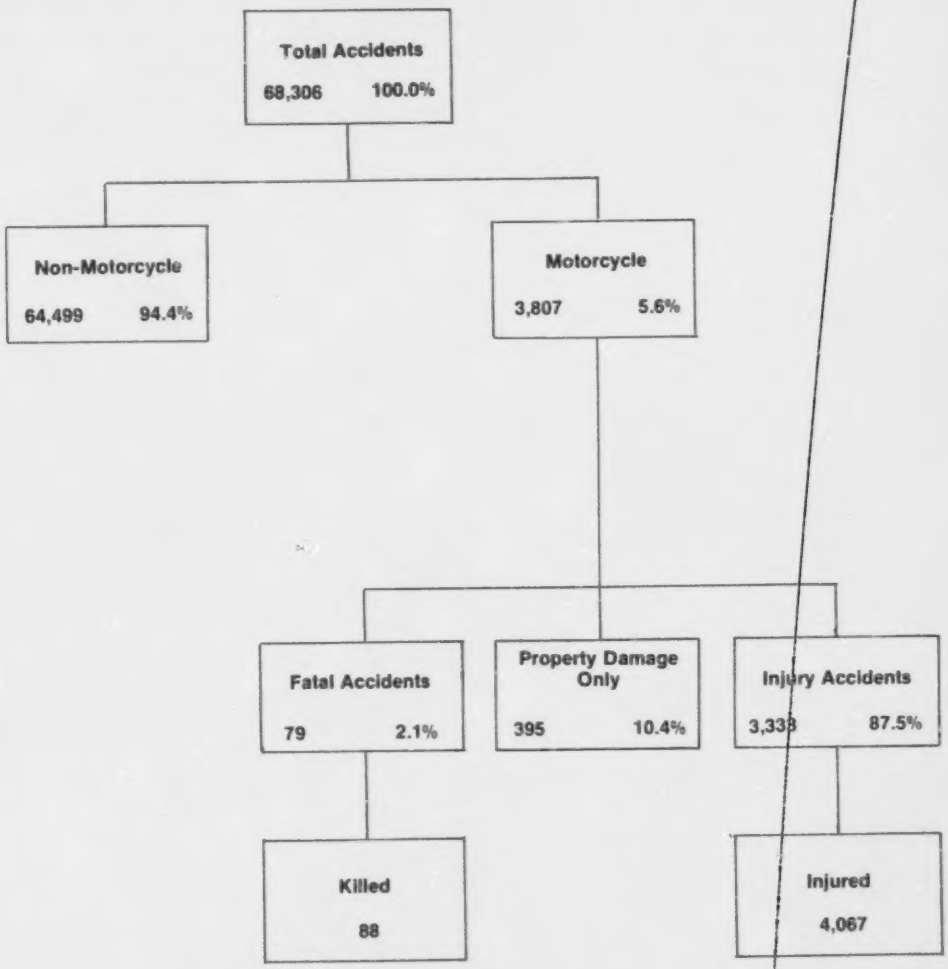
1982 Pedalcycle Accidents

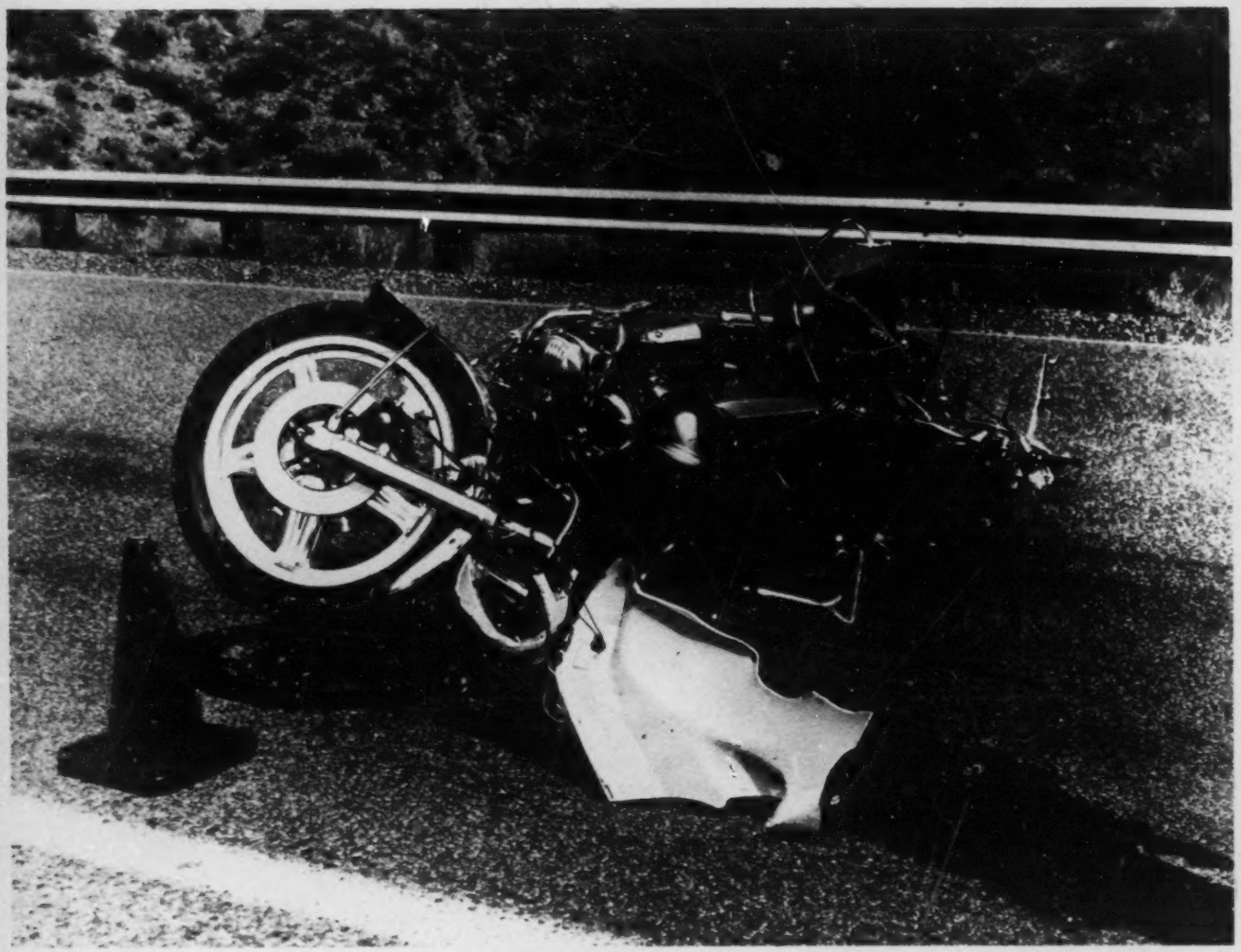
STATEWIDE	Total	Urban	Rural
Number of Accidents	1,297	1,174	123
Persons Killed	28	13	15
Persons Injured	1,291	1,181	110

Sex and Age of Pedalcyclist Killed and Injured

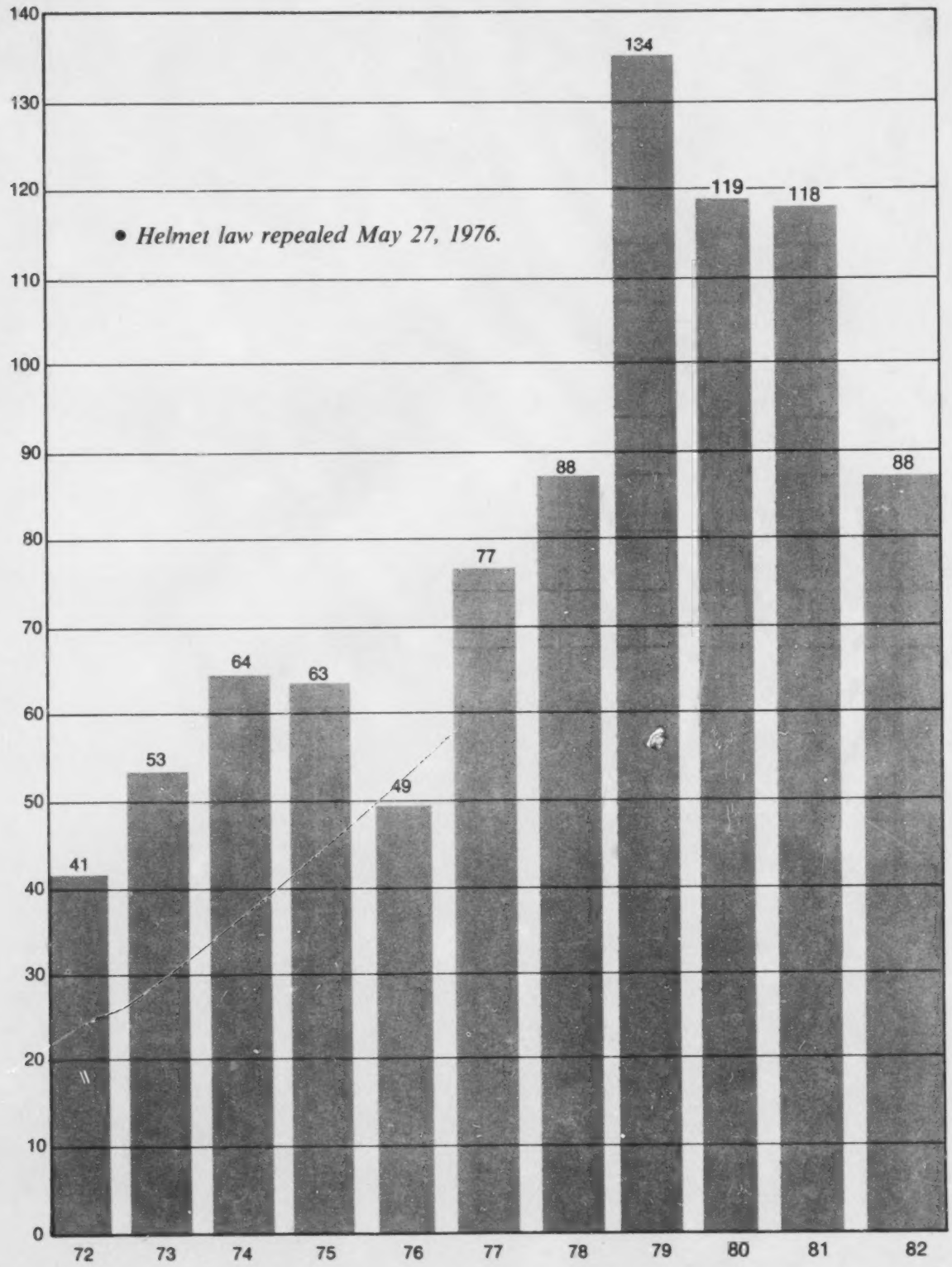
Age Group	Persons Killed			Persons Injured			
	Total	Male	Female	Total	Male	Female	Not Stated
0-4	1	1	0	13	10	3	0
5-9	1	0	1	147	104	43	0
10-14	6	4	2	353	252	101	0
15-19	4	4	0	284	207	77	0
20-24	4	3	1	175	105	70	0
25-34	3	3	0	136	98	38	0
35-44	2	2	0	56	40	16	0
45-54	0	0	0	23	15	8	0
55-64	2	2	0	21	15	6	0
65-74	2	2	0	22	19	3	0
75 & Over	2	2	0	8	7	1	0
Age Not Stated	1	1	0	53	36	17	0
Totals	**28**	**24**	**4**	**1,291**	**908**	**383**	**0**

Motorcycle Accidents

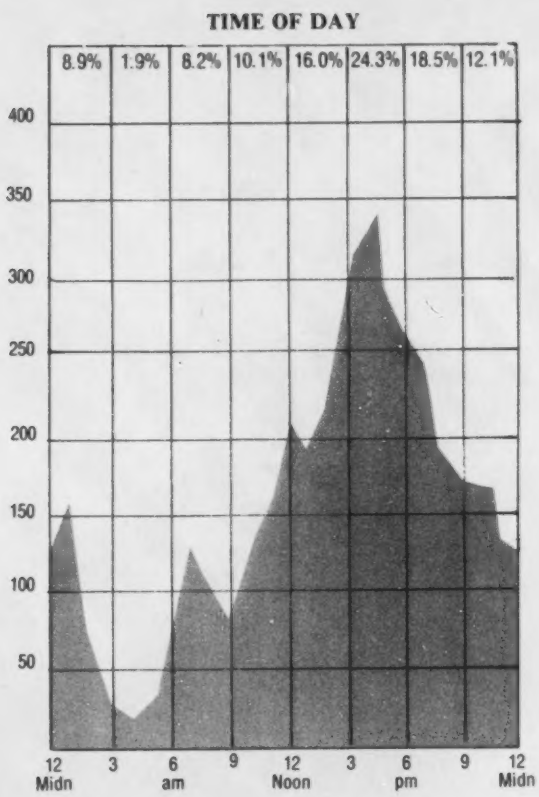


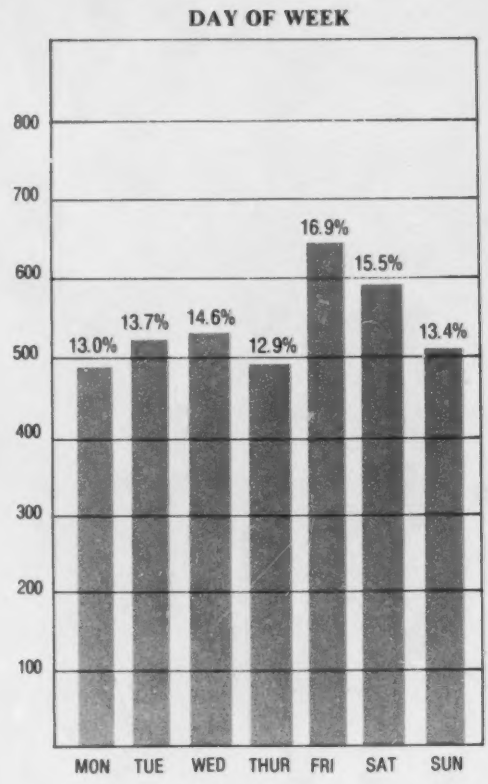


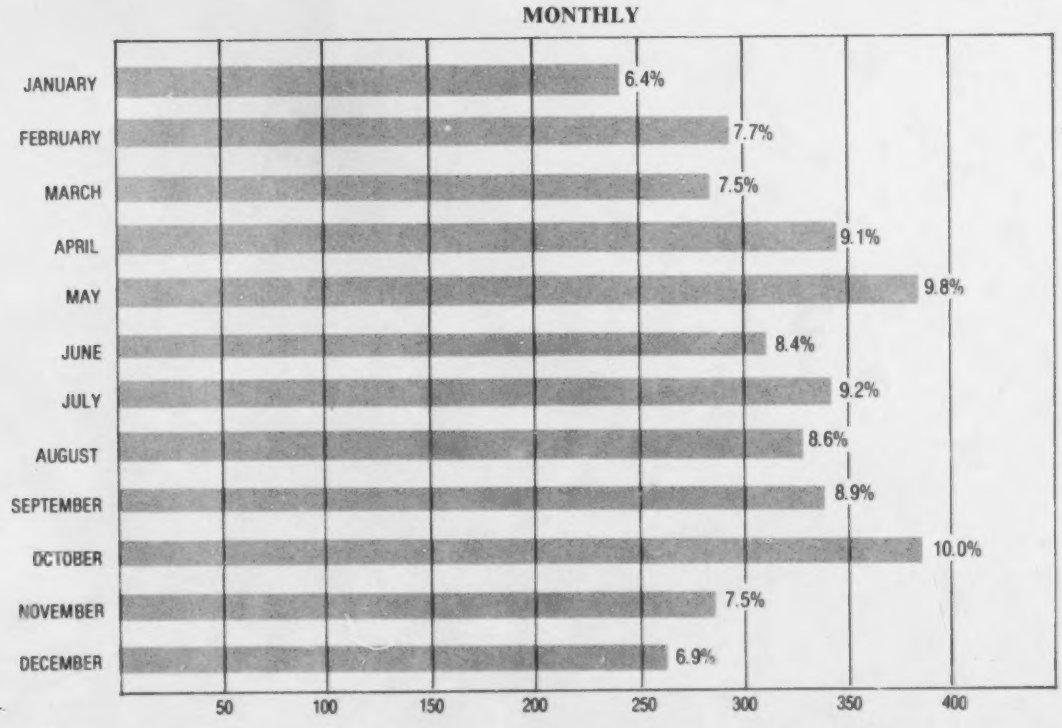
Motorcycle Fatalities
1972-1982



Total Accidents Involving Motorcycles







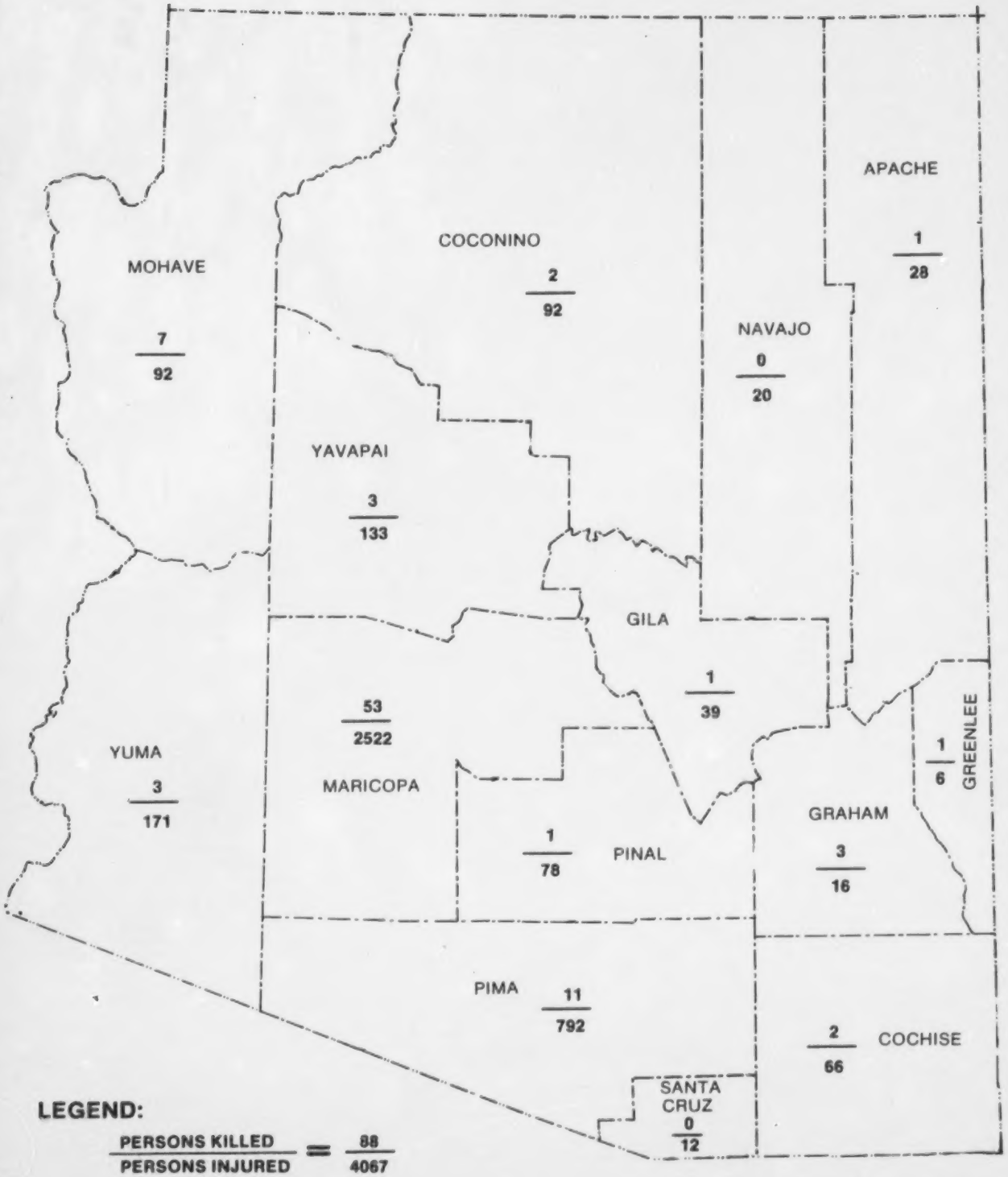
Motorcycle Drivers Involved in Accidents

AGE OF DRIVER	Number of Drivers	Percent of Total	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
15 & Younger	84	1.3	0	77
16	123	1.9	1	114
17	186	2.9	2	166
18-19	657	10.2	8	596
20-24	1,622	25.1	34	1,436
25-34	1,811	28.1	35	1,555
35-44	696	10.8	17	605
45-54	382	5.9	17	312
55-64	276	4.3	4	245
65-74	196	3.0	6	174
75 & Older	95	1.5	4	82
Not Stated	327	5.0	9	219
Totals	**6,455**	**100%**	**137**	**5,581**

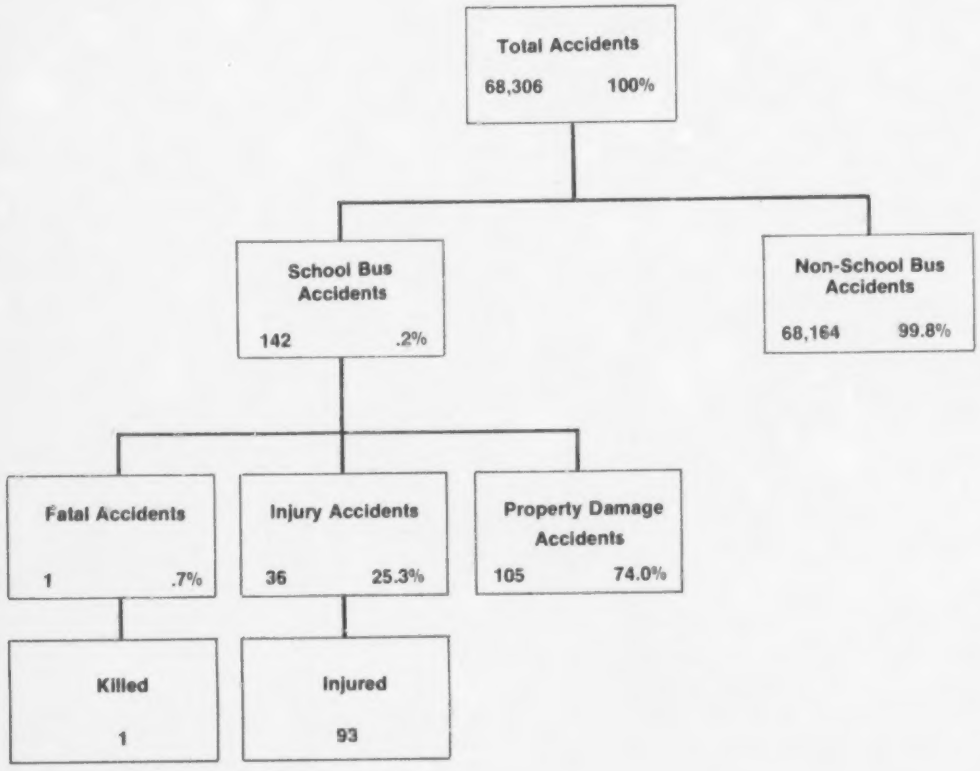
SEX OF DRIVER	Number of Drivers	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
Male	5,167	124	4,507
Female	1,053	8	925
Not Reported	235	5	149
Totals	**6,455**	**137**	**5,581**

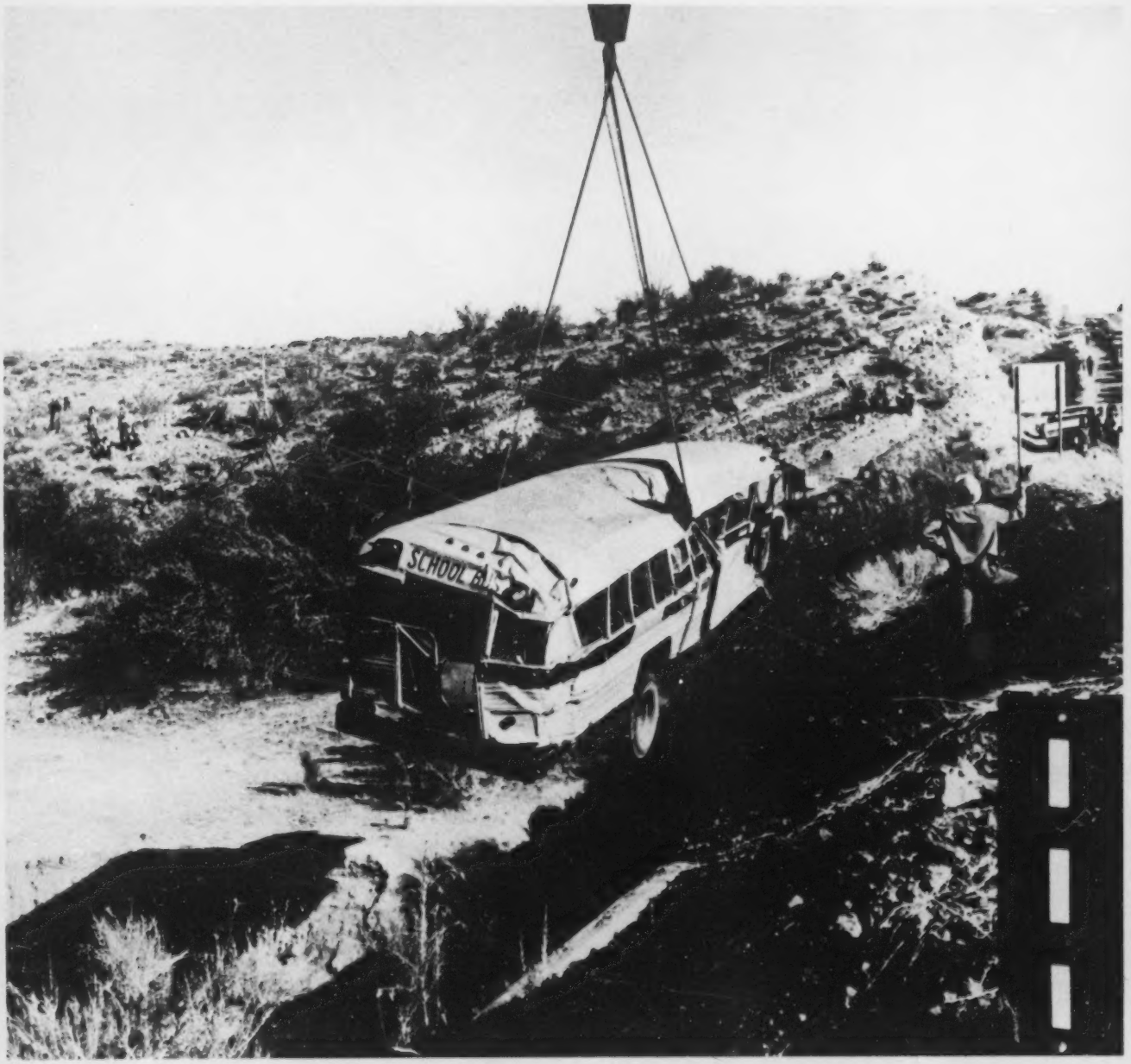
TYPE OF MOTOR VEHICLE ACCIDENT	Total	Fatal	Non-Fatal Injury	Property Damage
Overturning	10	0	9	1
Other Non-collision	893	7	831	55
Pedestrian	32	4	28	0
Motor Vehicle in Transport	2,380	48	2,044	288
Parked Motor Vehicle	75	1	45	29
Railway Train	1	0	1	0
Pedalcyclist	26	0	26	0
Animal	56	0	56	0
Fixed Object	315	19	275	21
Other Object	19	0	18	1
Totals	**3,807**	**79**	**3,333**	**395**

Fatalities and Injuries in Accidents Involving Motorcycles

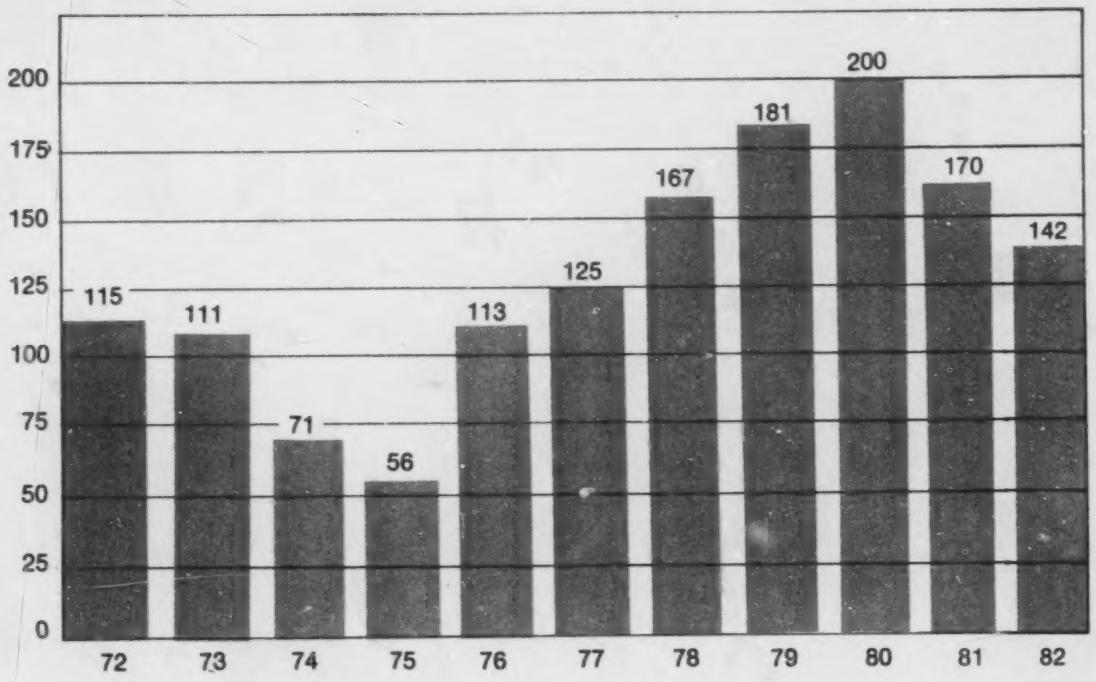


School Bus Accidents

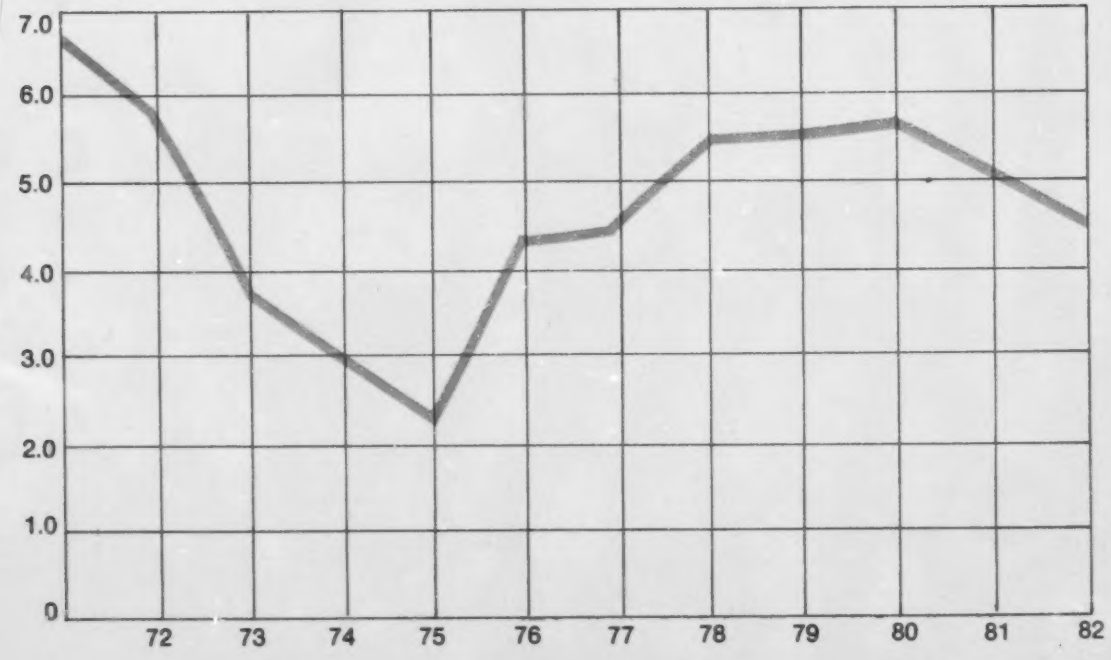



SCHOOL

School Bus Accidents 1972-1982



School Bus Accidents/1,000,000 Vehicle Miles



State of Arizona
School Bus Statistics
1975-1982

	1975	1976	1977	1978	1979	1980	1981	1982
Number of Public School Buses	2,081	2,092	2,322	2,386	2,531	2,592	2,699	2,839
Number of Private and Parochial Buses	125	131	140	124	159	132	168	135
Number of Contracted Buses	85	112	112	108	128	129	136	68
Total Number of School Buses	2,291	2,335	2,574	2,618	2,818	2,853	3,003	3,042
Total Miles Driven (Millions)	24.2	25.5	27.3	29.3	31.6	34.1	32.8	32,2
Public School Pupils Transported Daily	184,259	177,340	165,439	167,477	173,771	177,065	174,581	183,243
Private and Parochial Pupils Transported Daily	6,330	6,780	7,407	7,350	10,907	8,978	10,800	N/A
Total Number of School Bus Accidents	56	113	125	167	181	200	170	142
Pupil Passengers:								
Killed	0	0	0	0	0	0	0	0
Injured	13	22	3	14	3	66	0	45
Bus Drivers:								
Killed	0	0	0	0	0	0	1	0
Injured	0	3	0	0	0	5	24	6
Others:								
Killed	0	1	3	2	1	2	0	1
Injured	12	26	6	8	12	33	6	46
Property Damage Only:								
Accidents	43	80	116	152	173	149	113	105
School Bus Drivers Involved:								
Male	37	71	68	100	82	98	92	74
Female	18	42	56	67	97	101	83	68
Accident Time of Day:								
A.M.	26	48	57	74	78	84	67	74
P.M.	30	65	68	93	103	116	103	68
Vehicles Involved:								
Automobiles	32	69	83	103	118	123	112	91
Trucks (Including Pick-Ups)	17	24	26	44	30	62	43	37
Parked Vehicles	3	7	4	7	10	11	11	7
Other	2	13	10	13	6	13	10	3
Accident Location:								
Interstate Highway	3	2	3	4	2	4	5	2
State Highway	7	10	13	15	18	19	15	1
County Road	11	24	26	16	28	42	32	17
City Street	34	69	81	130	133	136	114	110
Other	0	2	2	0	0	0	4	4
Weather Conditions:								
Clear and Dry	50	103	116	141	159	156	143	103
Rain	3	7	6	16	12	12	15	6
Snow or Ice	4	3	2	8	10	3	2	2
Dust	0	0	1	1	0	1	0	0
Fog	0	0	0	1	0	0	0	0
Cloudy	...	...	...	...	...	...	...	31

*School bus accident for statistical purposes is one in which the school bus is directly involved.